Applications are invited Online from qualified candidates through the proforma Application to be made available on Commission’s WEBSITE (www.tspsc.gov.in) to the post of Secondary Grade Teacher in School Education Department.

i. Submission of ONLINE applications from Dt. 30/10/2017
ii. Last date for submission of ONLINE applications Dt. 30/11/2017
iii. Hall Tickets can be downloaded 07 days before commencement of Examination.

2) The Examination (Objective Type) is likely to be held in 2nd Week of February 2018. The Commission reserves the right to conduct the Examination either COMPUTER BASED RECRUITMENT TEST (CBRT) or OFFLINE OMR based Examination of objective type.

The Candidates will have to apply Online through the Official Website of TSPSC. Detailed user guide will be placed on the website. The candidates will have to thoroughly read before filing Online applications.

IMPORTANT NOTE: Candidates are requested to keep the details of the following documents ready while uploading their Applications.

(i) Aadhar number
(ii) Educational Qualification details i.e., SSC, INTERMEDIATE, DEGREE, POST GRADUATION etc. and their Roll numbers, Year of passing etc.
(iii) Community/ Caste Certificate obtained from Mee Seva/ E Seva i.e., Enrollment number and date of issue.

3) The candidates who possess requisite qualification may apply online by satisfying themselves about the terms and conditions of this recruitment. The details of vacancies are given below:-

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Post</th>
<th>No. of Vacancies</th>
<th>Age as on 01/07/2017 Min. Max.</th>
<th>Scale of Pay Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Secondary Grade Teacher -- All Media ( Excluding Urdu Medium)</td>
<td>4779</td>
<td>18-44*</td>
<td>21230-63,010/- (RPS 2015)</td>
</tr>
<tr>
<td>2</td>
<td>Secondary Grade Teacher -- (Urdu Medium)</td>
<td>636</td>
<td>18-44*</td>
<td>21230-63,010/- (RPS 2015)</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>5415</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(The Details of Vacancies department wise i.e., District, Community, Subject, Medium and Gender wise (General / Women) may be seen at Annexure-I.)

IMPORTANT NOTE: The number of vacancies are subject to variation on intimation being received from the appointing authority

4) EDUCATIONAL QUALIFICATIONS:

Applicants must possess the qualifications from a recognized University/ Institution as detailed below or equivalent thereto, as specified in G.O.Ms.No.25 School Education (General) Dept., Dt.10/10/2017 as on the Date of Notification.
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Subject</th>
<th>Educational Qualifications</th>
</tr>
</thead>
</table>
| 1      | Secondary Grade Teacher | i) Must Possess Intermediate / Senior Secondary (or its equivalent) as recognised by the Board of Intermediate, Telangana with at least 50% Marks (In case of SC / ST / BC / Differently abled candidates, the minimum marks shall be 45%) and Pass in 2-year Diploma in Elementary Education / 4-year Bachelor in Elementary Education.  
   OR  
   ii) Must Possess Intermediate / Senior Secondary (or its equivalent) as recognised by the Board of Intermediate, Telangana with at least 45% Marks (In case of SC / ST / BC / differently abled candidates, the minimum marks shall be 40%) in accordance with the NCTE (Recognition Norms and Procedure) Regulations, 2002 (i.e those who are admitted into D.El.Ed. up to the year 2007) and Pass in 2-year Diploma in Elementary Education / 4-year Bachelor in Elementary Education.  
   AND  
   Pass in Paper I of Telangana State Teacher Eligibility Test (TSTET) / Andhra Pradesh Teacher Eligibility Test (APTET) / Central Teacher Eligibility Test (CTET). |

NOTE : 1

For the purpose of Selection of Teachers under the Rules, scores obtained on Andhra Pradesh Teacher Eligibility Test (APTET) / Telangana State Teacher Eligibility Test (TSTET) / Central Teacher Eligibility Test (CTET) with the qualifying marks as given below shall only be considered:

<table>
<thead>
<tr>
<th>TET Name</th>
<th>Maximum Marks</th>
<th>Pass Mark OC</th>
<th>BC</th>
<th>SC / ST / Differently Abled</th>
</tr>
</thead>
<tbody>
<tr>
<td>APTET / TSTET</td>
<td>150</td>
<td>90</td>
<td>75</td>
<td>60</td>
</tr>
<tr>
<td>CTET</td>
<td>150</td>
<td>90</td>
<td>75</td>
<td>60</td>
</tr>
</tbody>
</table>

NOTE: 2

The APTET scores obtained before the appointed day of 02.06.2014 shall only be Considered. Selection of candidates shall be on the basis of combined marks secured in the Written Examination to be conducted by the TSPSC (80%) and TET (20%) for all categories of posts.

Language / Medium of Study Qualifications for Non-language subjects:

The candidates who have (i) passed either SSC (or its equivalent) Examination or Intermediate (or its equivalent) or Degree Examination in the medium of instruction concerned or (ii) have studied the Language concerned as First Language in SSC (or its equivalent) or as Part I in Intermediate (or its equivalent) or as Second Language in Intermediate (or its equivalent) or as a Subject in Degree, are eligible for the posts of SGT in the concerned medium school. The Medium of the TRT Question Paper shall be the same as the Medium of the Post opted for.

NOTE: Subject wise and Medium wise vacancy position is available at ANNEXURE-I and candidates may apply as per the vacancy position in their concerned subject.
5) **AGE:** Minimum 18 years & Maximum 44* years. The age is reckoned as on 01/07/2017 (Rule- 12(1)(a)(v) of State and Subordinate Service Rules).

**Minimum Age (18 years):** A Candidate should not be born after 01/07/1999.

**Maximum Age (44 years):** A candidate should not be born before 02/07/1973.

The Upper Age limit will be relaxed as per Rules and will be calculated on the above lines.

*As per G.O. Ms. No. 329 GA(Ser.A) Dept.,Dt. 27/07/2015 read with G.O. Ms. No. 264 GA(Ser.A) Dept., Dated: 26-07-2016 and G.O. Ms. No. 190 GA(Ser.A) Dept., Dated: 08-08-2017, the upper age limit is raised up to 10 years.*

N.B.: 1) No person shall be eligible if he/she is less than 18 years of age.

2) No person shall be eligible if he/she crossed 58 years of age (Superannuation age).

**Age Relaxations:** The upper age limit prescribed above is however relaxable in the following cases:

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Category of candidates</th>
<th>Relaxation of age permissible</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Telangana State Government Employees (Employees of TSRTC, Corporations, Municipalities etc. are not eligible).</td>
<td>5 Years based on the length of regular service.</td>
</tr>
<tr>
<td>2</td>
<td>Ex-Service men</td>
<td>3 years &amp; length of service rendered in the armed forces.</td>
</tr>
<tr>
<td>3</td>
<td>N.C.C.(who have worked as Instructor in N.C.C.)</td>
<td>3 Years &amp; length of service rendered in the N.C.C.</td>
</tr>
<tr>
<td>4</td>
<td>SC/ST and BCs</td>
<td>5 Years</td>
</tr>
<tr>
<td>5</td>
<td>Physically Handicapped persons</td>
<td>10 Years</td>
</tr>
</tbody>
</table>

6) **(a) FEE:** (Remittance of Fee) Each applicant must pay Rs. 200/- (RUPEES TWO HUNDRED ONLY) towards Online Application Processing Fee, each subject applied for. This apart, the applicants have to pay RS. 80/- (RUPEES EIGHTY ONLY) towards Examination Fee. However, the following category of candidates are exempted from payment of Examination fee.

   a) BC, SC & ST of Telangana State
   b) Unemployed applicants in the age group of 18 to 44 years of Telangana State (They have to submit declaration at an appropriate time to the Commission that they are unemployed).
   c) PH & Ex-service men.

N.B.: BC’s, SC’s and ST’s belonging to other states are not exempted from payment of Application processing Fee and Examination Fee and they are not entitled for any kind of reservation.

**b) Mode of Payment of Fee:**

The Fee mentioned at Para-(6)(a) is to be paid online through SBI ePay duly following online instructions once the application form details are submitted by filling TSPSC ID, date of birth and other particulars.

The fee once remitted, shall not be refunded or adjusted under any circumstances. Failure to pay the examination fee, application fee, wherever applicable will entail total rejection of application. The list of Banks providing service for the purpose of online remittance of fee is given in **ANNEXURE – II.**

**PARA-II: CENTRES FOR THE WRITTEN EXAMINATION:**

1. The Examination will be held at all the Districts or as may be decided by the Commission.

2. The Commission however reserves the right to allot candidates to any centre other than the centre chosen by the applicant or to abolish / create a new centre for administrative reasons. Request for change of the centre will not be entertained.
PARA-III: HOW TO APPLY:

A) HOW TO UPLOAD THE APPLICATION FORM:

(i) The Applicants have to read the User Guide for Online Submission of Applications and then proceed further. The Candidate has to visit the WEBSITE http://www.tspsc.gov.in and fill the application according to the guidelines provided at the time of registering for applications on Website. While filling the application form, the candidates have to ensure that there are no mistakes in it. The Commission bears no responsibility for the mistakes, if any, made by the candidates.

(ii) Hand written/ Typed/ Photostat copies/ outside printed Application Form will not be accepted and liable for rejection.

(iii) For any Technical problems related to Online submission and downloading of Hall-Tickets please contact 040-23542185 or 040-23542187(Call Time: 10.30 A.M to 1.00 P.M & 1.30 P.M to 5.30 P.M) or mail to helpdesk@tspsc.gov.in

NOTE:

1. The Commission is not responsible, for any discrepancy in Bio-data particulars while submitting the application form through Online. The applicants are therefore, advised to strictly follow the instructions and User guide in their own interest before submitting the application.

2. The particulars furnished by the applicant in the Application Form will be taken as final, and data entry is processed, based on these particulars only by Computer. Candidates should, therefore, be very careful in Uploading / Submitting the Application Form Online.

3. Incomplete/incorrect application form will be summarily rejected. The information if any furnished by the candidate subsequently in any form will not be entertained by the Commission under any circumstances. Applicants should be careful in filling-up the application form and submission. If any lapse is detected during the scrutiny, the candidature will be rejected even though he/she comes through the final stage of recruitment process or even at a later stage.

4. Before Uploading/Submission of Application Form, the Candidates should carefully ensure his/her eligibility for this examination. No relevant column of the application form should be left blank, otherwise application form will not be accepted.

PARA-IV GENERAL PROVISIONS

1. Applicant must compulsorily fill-up all relevant columns of application and submit application through website only. The particulars made available in the website shall be processed through computer and the eligibility decided in terms of notification.

2. The applications received online in the prescribed proforma available in the website and within the time shall only be considered and the Commission will not be held responsible for any kind of discrepancy.

3. Applicants must upload his/her own scanned photo and signature through J.P.G format.

4. The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.

5. All the essential certificates issued by the competent authority of Telangana State shall compulsorily be kept with the applicants to produce as and when required to do so. Failure to produce the required certificates on the day of verification will lead to disqualification.

6. Important – The claim of the candidates with regard to the date of birth, educational / technical qualifications, experience and community are accepted only provisionally on the information furnished by them in their application form and is subject to verification and satisfaction of the Commission. Mere admission to any test or interview or inclusion of the name of a candidate in a Merit List will not confer on the candidate any right for appointment. The candidature is therefore, provisional at all stages and the Commission reserve the right to reject candidature at any stage of the selection even after the advice has been made.

7. This Recruitment is entrusted to TSPSC vide G.O.MS. No. 19 School Education (GENERAL) Department, Dt: 18/05/2016 and Finance Clearance vide G.O. Ms. No.129 Finance (HRM-II) Dept Dt.01/09/2017.

The following certificates must be kept ready by the candidates for the purpose of verification and also at the time of making online application.

i). Aadhar card.

ii). Proof of Educational Qualifications.

iii). Date of Birth Certificate / S.S.C
iv). School Study Certificate  

v). Declaration by the Unemployed (For claiming examination fee exemption)  

vi). No Objection Certificate from Employer (if anywhere employed)  

vii). Local Scheduled Area Certificate (Candidates hailing from Agency Area) wherever applicable.

The following Certificates should be obtained from Govt. of Telangana State in prescribed proforma for the purpose of verification.  


ix). Non-Creamy Layer Certificate as per Form- VIIB / Creamy Layer Certificate as per Form- VIIC.  

x). Certificate of Residence / Nativity (where the Candidates not studied in School / Private Study)  

The following Certificates ( whichever is applicable) should be obtained from Competent Medical authority for the purpose of verification.  

xi). a) Medical Certificate for the Blind  

b) Certificate of Hearing Disability and Hearing Assessment  

c) Medical Certificate in respect of Orthopedically Handicapped Candidates

PARA-V:- IMPORTANT LEGAL PROVISIONS GOVERNING THE RECRUITMENT PROCESS:

1. **Vacancies**: The recruitment will be made to the vacancies notified before the examination only. There shall be no waiting list as per G.O. Ms. No. 81 General Administration (Ser.A) Department, Dated 22/02/1997. If additional vacancies are reported by the Government an addendum to that effect will be issued. The vacancies/vacancy position is subject to variation Medium wise/Subject wise/Roster point wise.

2. **Recruitment**: The recruitment will be processed as per the Notification and also as per the G.O.Ms.No.11, School Education (Ser-II) Dept., Dt.23/01/2009, G.O.Ms.No.12, School Education (Ser-II) Dept., Dt.23/01/2009 read with G.O.Ms.No.25, School Education (General) Dept., Dt.10/10/2017 and orders / Instructions issued by the Government and also as decided by the Commission from time to time.

3. **Constitutional Provisions**: The Commission is empowered under the provisions of Article 315 and 320 of the Constitution of India read with relevant laws, rules, regulations and executive instructions and all other enabling legal provisions in this regard to conduct examination for appointment to the posts notified herein, duly following the principle of order of merit as per Rule 3 (ix) (a) of the TSPSC Rules of Procedure read with reference to relevant statutory provisions and ensuring that the whole recruitment and selection process is carried out with utmost regard to maintain secrecy and confidentiality so as to ensure that the principle of merit is followed. A candidate shall be disqualified for appointment, if he himself / she herself or through relations or friends or any others has canvassed or endeavored to enlist for his candidature, extraneous support, whether from official or non-official sources for appointment to this service.

4. **District/Local**: The District and Local Reservations shall be followed as per the Para - 8 of A.P. Public Employment (Organization of Local Cadres and Regulation of Direct Recruitment) Order, 1975 (G.O.P. No. 674, G.A. (SPF-A) Dept., Dated: 20/10/1975) read with G.O. Ms. No. 124, General Administration (SPF-A) Department, dated: 07/03/2002 and other orders issued by the Government and within the meaning of Sections 3 and 97 of A.P. State Reorganization Act 06/2014.

5. **Employed**: The persons already in Government Service/ Autonomous bodies/ Government aided institutions etc., whether in permanent or temporary capacity or as work charged employees are required to inform in writing to the Head of Office / Department, as the case may be and required to submit the “No objection” from the concerned Head of Office / Department to the Commission as and when required to do so.

6. **Penal Action**: The Commission is also empowered to invoke the penal provisions of the A.P. Public Examinations (Prevention of Malpractices and Unfair means) Act 25/97 for matters connected therewith or incidental thereto and as per the Rules of Procedure of TSPSC published in Telangana Gazette No: 60 dated 28/12/2015 in respect of this Notification.

Dept., Dt. 22/01/2015 should be submitted at appropriate time in respect of SC & ST Candidates. In respect of candidates belonging to Backward Classes are required to produce Community Certificate (BC-A, BC-B, BC-C, BC-D8, BC-E) from Competent Authority i.e., from Tahsildars in the State of Telangana not below the rank of Deputy Tahsildar through E-seva/ Mee-seva (G.O. Ms. No. 16 BCW(OP) Dept., Dt. 11/03/2015) and orders and instructions issued by the Government from time to time. As per General Rules for State and Subordinate Service Rules, Rule -2(28) Explanation: No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste. BC’s, SC’s and ST’s belonging to other states are not entitled for any kind of reservation.

8. Reservation: - (i)The Reservation and eligibility in terms of General Rule 22 & 22 (A) of State and Subordinate Service Rules are applicable.

   ii) The Reservation to Women will apply as per Telangana State and Subordinate Service Rules.

   iii) Reservation to Disabled persons is subject to their eligibility to any of the above category of posts and shall be subject to Telangana State and Subordinate Service Rules governing the posts. The required extent of deformity and the genuineness of the Medical Certificate and in the case of ambiguity or doubt, the same shall be referred to the Appellate Medical Boards as per the instructions of the Government.

   (iv) Reservation to Ex-Serviceman is applicable as per State and Subordinate Service Rules.

   (v) Reservation to BC-E group will be subject to the adjudication of the litigation before the Honorable Courts including final orders in Civil Appeal No: (a) 2628-2637 of 2010 in SLP. No. 7388-97 of 2010, dated. 25/03/2010 and orders from the Government.

9. LOCAL SCHEDULED AREA CANDIDATES:  
As per G.O.Ms.No.3 Social Welfare(TW.EDN.II) Dept. Dt. 10.01.2000 the appointment of posts of teachers in schools situated in the Scheduled Areas in the State subject to the modification that all the posts of teachers in the schools situated in Scheduled Areas in the State of Telangana shall be filled in by the local S.T candidates only out of whom 33 1/3 % shall be women (wherever applicable).

   Explanation:- “The Local Scheduled Tribe Candidate” means, the candidate belonging to the Scheduled Tribes notified as such under article 342 of the Constitution of India and the candidates themselves or their parents have been continuously residing in the scheduled areas of the Districts of Telangana State in which they are residents till to date since the 26th January, 1950.

   Note: They will also be considered for selection to the posts notified in Plain Area, if they come up for selection.

10. Distance Education: - The Candidates who have obtained Degrees through Open Universities / Distance Education mode are required to have recognition by the University Grants Commission / AICTE / Distance Education Council as the case may be. Unless such Degrees had been recognised by the relevant Statutory Authority, they will not be accepted for purpose of Educational Qualification. The onus of Proof of recognition by the relevant Statutory Authority that their Degrees / Universities have been recognised rests with the Candidate.

PARA-VI: RESERVATION TO LOCAL CANDIDATES: Reservation to the Local candidates is applicable as provided in the Rules and as amended from time to time as in force on the date of notification. The candidates claiming reservation as Local candidates should obtain the required Study certificates (from IV Class to X Class or SSC) (OR) Residence Certificate in the Proforma only for those candidates who have not studied in any Educational Institutions as the case may be. The relevant certificates may be got ready with authorized signature and kept with the candidates to produce as and when required.

DEFINITION OF LOCAL CANDIDATE:- In terms of Para-(7) of A.P. Public Employment (Organization of Local Cadres and Regulation of Direct Recruitment) Order, 1975 (G.O.P. No. 674, G.A. (SPF-A) Dept., Dated: 20/10/1975). “LOCAL CANDIDATE” means a candidate for direct recruitment to any post in relation to that Local area where he/she has studied in Educational Institution(s) for not less than four consecutive academic years prior to and including the year in which he/she appeared for S.S.C or its equivalent examination. If however, he/she has not studied in any educational institution and obtained SSC or its equivalent qualification or Open School, Private Study basis, he/she has to produce residential certificate issued by the Tahsildar.

   i) In case any Candidate who does not fall within the scope of above then, if he/she has studied for a period of not less than seven years prior to and inclusive of the year in which he/she has studied SSC or its equivalent qualification, he/she will be regarded as local candidate on the basis of the maximum period out of the said period of seven years and where the period of his/her study in two or more local areas or equal such local area where he/she has studied last in such equal periods will be taken for
determining the local candidature. Similarly, if he/she has not studied during the above said period in any Educational Institution(s) and obtained private study the place of residence during the above period will be taken into consideration and local candidature will be determined with reference to the maximum period of residence or in the case of equal period where he/she has resided last in such equal periods.

ii) If the claim for local candidature is based on study, the candidate is required to produce a certificate from the Educational Institution(s) where he/she has studied during the said 4/7-year period. If, however, it is based on residence, a certificate should be obtained from an officer of the Revenue Department not below the rank of Tahsildar or Deputy Tahsildar in independent charge of Mandal.

iii) If, however, a candidate has resided in more than one Mandal during the relevant four/seven years period but within the same District or Zone as the case may be separate certificates from the Tahsildar exercising jurisdiction have to be obtained in respect of different areas.

NOTE:
(A) Residence Certificate will not be accepted, if a candidate has studied in any educational institution upto S.S.C. or equivalent examination, such candidates have to produce study certificates invariably. The candidates, who acquired Degree from Open Universities without studying SSC / Matriculation or equivalent in Educational Institutions, have to submit Residence Certificate only. Educational institutions means a recognized institution by the Government / University / Competent Authority. The Open school students must invariably enter the residence particulars in the Application form, failing which they will automatically fall under “OTHERS” (NON-LOCAL) category.

The Post is of District Cadre and the following are the Present Districts in Telangana State:

<table>
<thead>
<tr>
<th>Dist Code</th>
<th>Name of the District</th>
<th>Dist Code</th>
<th>Name of the District</th>
<th>Dist Code</th>
<th>Name of the District</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>ADILABAD</td>
<td>11</td>
<td>WARANGAL (URBAN)</td>
<td>21</td>
<td>MAHABUBNAGAR</td>
</tr>
<tr>
<td>02</td>
<td>MANCHERIAL</td>
<td>12</td>
<td>WARANGAL (RURAL)</td>
<td>22</td>
<td>WANAPARTHY</td>
</tr>
<tr>
<td>03</td>
<td>NIRMAL</td>
<td>13</td>
<td>JAYASHANKAR (BHUPALLAPALLI)</td>
<td>23</td>
<td>NAGARKURNOOL</td>
</tr>
<tr>
<td>04</td>
<td>KOMRAMBHEEM (ASIFABAD)</td>
<td>14</td>
<td>JANGOAN</td>
<td>24</td>
<td>JOGULAMBA (GADWAL)</td>
</tr>
<tr>
<td>05</td>
<td>KARIMNAGAR</td>
<td>15</td>
<td>MAHABUBABAD</td>
<td>25</td>
<td>NALGONDA</td>
</tr>
<tr>
<td>06</td>
<td>JAGITIAL</td>
<td>16</td>
<td>KHAMMAM</td>
<td>26</td>
<td>SURYPET</td>
</tr>
<tr>
<td>07</td>
<td>PEDDAPALLI</td>
<td>17</td>
<td>BHADRADRI (KOTHAGUDEM)</td>
<td>27</td>
<td>YADADRI (BHONGIRI)</td>
</tr>
<tr>
<td>08</td>
<td>RAJANNA (SIRICILLA)</td>
<td>18</td>
<td>MEDAK</td>
<td>28</td>
<td>VIKARABAD</td>
</tr>
<tr>
<td>09</td>
<td>NIZAMABAD</td>
<td>19</td>
<td>SANGAREDDY</td>
<td>29</td>
<td>MEDCHAL-MALKAJGIRI</td>
</tr>
<tr>
<td>10</td>
<td>KAMAREDDY</td>
<td>20</td>
<td>SIDDIPET</td>
<td>30</td>
<td>RANGAREDDY</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>31</td>
<td>HYDERABAD</td>
</tr>
</tbody>
</table>

PARA-VII: SCHEME OF EXAMINATION:
The Scheme & Syllabus for the examination has been shown in ANNEXURE-III.

PARA-VIII: PROCEDURE OF SELECTION:

THE FINAL SELECTION OF THE POSTS WILL BE BASED ON MARKS SECURED IN THE WRITTEN EXAMINATION EITHER ONLINE OR OMR BASED BY GIVING 80% WEIGHTAGE FOR WRITTEN TEST AND 20% WEIGHTAGE FOR TET PAPER-I PUT TOGETHER.

1. Those candidates who qualify in the Examination (Objective Type) in order of merit by giving 80% weightage for written test and 20% weightage marks in TET Paper-I put together will be called for verification of Certificates, Community and Category wise for the vacancies available as required. The minimum qualifying marks for Selection are OCs 40%, BCs 35% SCs, STs and PHs 30%. The minimum qualifying marks are relaxable in the case of SC/ST/BC/PH at the discretion of the Commission.
2. The candidates will be selected and allotted to Service/ Department as per their rank in the merit list and as per District preference for allotment of candidates against vacancies and for the vacancies available.

**N.B.:** Mere securing minimum qualifying marks does not vest any right in a candidate for being considered for selection.

3. The appearance in all the papers at the Written Examination as per rules is compulsory. Absence in any of the paper/papers will automatically render his candidature as disqualified.

4. Candidates have to produce Original documents and other particulars on the day of verification itself. If candidate fails to produce any of the required certificates and if the particulars furnished by him / her in the Application do not tally with the Original documents produced by him / her, then his / her candidature will be rejected/disqualified without any further correspondence. As candidature for the recruitment is processed through Computer/Electronic devices based on the particulars furnished in the Application Form, the candidate is advised to fill in all the relevant particulars carefully.

5. The preference opted by candidates in respect of posts, District etc., in the application form are only indicative for being considered to the extent possible but not binding or limiting the Commission's powers conferred under Article 315 and 320 of the Constitution of India. Therefore, the Commission has the power to assign a successful candidate to any of the notified posts for which he/she is qualified and eligible, subject to fulfilling the selection criterion. Mere claim of preference for any District for allotment against vacancy does not confer a right to selection for that District in particular or any District in general.

6. The appointment of selected candidates will be subject to their being found medically fit in the appropriate Medical Examination, and if he/she is of sound health, active habits free from any bodily defect or infirmity.

**PARA-IX: DEBARMENT:**

a) Candidates should make sure of their eligibility to the post applied for and that the declaration made by them in the format of application regarding their eligibility is correct in all respects. Any candidate furnishing in-correct information or making false declaration regarding his/her eligibility at any stage or suppressing any information is liable to be debarred for five years from appearing for any of the examinations conducted by the commission, and summarily rejection of their candidature for this recruitment.


c) The Commission is vested with the constitutional duty of conducting recruitment and selection as per rules duly maintaining utmost secrecy and confidentiality in this process and any attempt by anyone causing or likely to cause breach of this constitutional duty in such manner or by such action as to violate or likely to violate the fair practices followed and ensured by the Commission will be sufficient cause for rendering such questionable means as ground for debarment and penal consequences as per law and rules and as may be decided by the Commission.

d) Any candidate is or has been found impersonating or procuring impersonation by any person or resorting to any other irregular or improper means in connection with his / her candidature for selection or obtaining support of candidature by any means, such a candidate may in addition to rendering himself/her liable to criminal prosecution, will be debarred permanently from any exam or selection held by the Service Commission in the country.

e) **MEMORANDUM OF MARKS:** Memorandum of Marks will be issued on payment of Rs.200/- (Rupees Two Hundred Only) through Online Payment in favour of the Secretary, T.S. Public Service Commission, Hyderabad. Request for Memorandum of Marks from candidates, will be entertained after one month from the date of publication of the final results in TSPSC Website. The Memorandum of Marks will be issued to the candidates for a period of 90 days only. Request for revaluation or recounting will not be undertaken under any circumstances. Invalid, disqualified, ineligible candidates will not be issued any Memorandum of Marks and fees paid by such candidates, if any, will be forfeited to Government account, without any correspondence in this regard.

In case of Off-line examination, if any candidate fails to mark the Booklet Series, Roll Number etc., in the OMR Answer Sheet, the Commission reserves the right to invalidate such Answer Sheets as Answer Sheets are valued by Optical Mark Scanner. No request for reconsideration of such rejected/invalidated cases will be entertained under any circumstances whatsoever.
Please read the following Annexures appended to the Notification before filling the application form.

i) Breakup of Vacancies  
ii) Payment gateway  
iii) Scheme and Syllabus  
iv) Instructions to the Candidates  
v) List of Communities

PARA XI: SPECIAL INSTRUCTIONS TO CANDIDATES:
Candidates are directed to follow the Commission’s Website (www.tspsc.gov.in) regularly to know the latest developments of this Recruitment and any changes/ Modifications/ Addendum/ Corrigendum, dates of Examination, calling of candidates for verification of Certificates/ Interviews/ Results etc. Candidates are advised to go through the Instructions to Candidates enclosed to this Notification at Annexure-IV.

PARA-XII: COMMISSION’S DECISION TO BE FINAL:
The decision of the Commission in all aspects and in all respects pertaining to the application and its acceptance or rejection as the case may be, conduct of examination and at all consequent stages culminating in the selection or otherwise of any candidate shall be final in all respects and binding on all concerned, under the powers vested with it under Article 315 and 320 of the Constitution of India. Commission also reserves its right to alter and modify time and conditions laid down in the notification for conducting the various stages up to selection, duly intimating details thereof to all concerned, as warranted by any unforeseen circumstances arising during the course of this process, or as deemed necessary by the Commission at any stage.

HYDERABAD  
DATE: 21/10/2017  
SECRETARY
## ANNEXURE – I
(GENERAL RECRUITMENT)

**TELANGANA STATE PUBLIC SERVICE COMMISSION : HYDERABAD**

DISTRICT WISE BREAKUP OF VACANCY POSITION FOR THE POST OF SECONDARY GRADE TEACHER in

**SCHOOL EDUCATION DEPARTMENT**

### SECONDARY GRADE TEACHER : TELUGU MEDIUM

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**Notes:**
- **TOTAL** represents the total number of vacancies.
- **GRAND TOTAL** includes all districts.
- **EX.-Se** indicates the exclusions.
- The table data is a summary of the vacancies for the post of Secondary Grade Teacher in Telugu Medium for the specified districts.
<p>| Area                  | Agency | Plain Govt | Govt | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 4 | 7 | 11 |
| KARIMNAGAR            | Govt   | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 8 | 11 |
| JAGITAL               | Govt   | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 5  |
| PEDDAPALLI            | Govt   | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1  |
| RAJANNA SIRICILLA     | Govt   | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1  |
| NIZAMABAD             | Govt   | 4 | 2 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 2 | 0 | 0 | 1 | 6 | 13 | 19 |
| KAMAREDDY             | LB     | 27 | 16 | 9 | 5 | 4 | 2 | 5 | 2 | 6 | 3 | 3 | 3 | 5 | 2 | 5 | 6 | 0 | 3 | 3 | 3 | 1 | 0 | 2 | 70 | 45 | 115 |
| JAYASHANKAR BHUPALAPALLI | Agency | LB | 0 | 0 | 0 | 0 | 60 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 69 | 40 | 109 |
| BHADRADRI KOTHAGUDEM  | Agency | LB | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 1 | 2 | 0 | 6 | 0 | 0 | 0 | 24 | 13 | 37 |
| MAHABUBABAD           | Govt   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 5 | 0 | 0 | 0 | 1 | 7 | 8  |
| BHADRADRI KOTHAGUDEM  | Agency | LB | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1  |
| MEDAK                 | Govt   | 5 | 3 | 2 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 15 | 25 |
| MEDAK                 | LB     | 14 | 7 | 4 | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 0 | 2 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 31 | 17 | 48 |
| SANGA REDDY           | Govt   | 4 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 5 | 7 | 12 |</p>
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TELANGANA STATE PUBLIC SERVICE COMMISSION : HYDERABAD
DISTRICT WISE BREAKUP OF VACANCY POSITION FOR THE POST OF SECONDARY GRADE TEACHER in
SCHOOL EDUCATION DEPARTMENT
### SECONDARY GRADE TEACHER : TAMIL MEDIUM

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>DISTRICT</th>
<th>Plain / Agency</th>
<th>Management</th>
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<th>BC-A</th>
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<th>EX-Ser</th>
<th>TOTAL</th>
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TELANGANA STATE PUBLIC SERVICE COMMISSION : : HYDERABAD
DISTRICT WISE BREAKUP OF VACANCY POSITION FOR THE POST OF SECONDARY GRADE TEACHER in
SCHOOL EDUCATION DEPARTMENT
## SECONDARY GRADE TEACHER : BENGALI MEDIUM

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>DISTRICT</th>
<th>Plain / Agency</th>
<th>Management</th>
<th>OC</th>
<th>SC</th>
<th>ST</th>
<th>BC-A</th>
<th>BC-B</th>
<th>BC-C</th>
<th>BC-D</th>
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<th>OH</th>
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<td>KUMARAMBHEEM ASIFABAD</td>
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<td>0</td>
<td>0</td>
<td>1</td>
<td>3</td>
<td>8</td>
</tr>
</tbody>
</table>

**IMPORTANT NOTE:** The number of vacancies are subject to variation on intimation being received from the appointing authority.
ANNEXURE-II

List of Banks for making payment through SBI ePay.

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>4. Indian Bank</td>
<td>16. DCB Bank</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CHANNEL</th>
<th>AMOUNT RS.</th>
<th>PRICING IN RS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet Banking</td>
<td></td>
<td></td>
</tr>
<tr>
<td>State Bank Group (6 Banks)</td>
<td>All amounts</td>
<td>Rs. 3/- per transaction + Taxes</td>
</tr>
<tr>
<td>All other Banks</td>
<td>List-A (21 Banks)</td>
<td>All amounts</td>
</tr>
<tr>
<td></td>
<td>List-B (7 Banks)</td>
<td>All amounts</td>
</tr>
<tr>
<td></td>
<td>List-C (7 Banks)</td>
<td>All amounts</td>
</tr>
</tbody>
</table>

**Debit Card**

| All Banks (Master/Master/Mastre/Visa/Visa/Upay) | Up to 2000/- 0.75 % of the transaction amount + Taxes |
|                                               | 2001/- & above 1.00% of the transaction + Taxes |

**Credit card**

| (Master/Visa/AMEX/Visa) | All amounts 1.00% of transaction amount + Taxes |

| IMPS – Mobile payments | All Amounts Rs. 7/- of the transaction Amount + Taxes |
## ANNEXURE-III

**TELANGANA STATE PUBLIC SERVICE COMMISSION:: HYDERABAD**

**SCHEME OF EXAMINATION AND SYLLABUS TO THE POST OF SECONDARY GRADE TEACHER OF TRT**

Duration: 2 Hours & 30 Minutes

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Subject</th>
<th>Syllabus</th>
<th>No. of Questions</th>
<th>No. of Marks</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>General Knowledge &amp; Current Affairs</td>
<td>-</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>2.</td>
<td>Perspectives in Education</td>
<td>Syllabus as notified</td>
<td>20</td>
<td>10</td>
</tr>
<tr>
<td>3.</td>
<td>Language-I (Indian Languages)</td>
<td>The syllabus for Language I &amp; II shall be based on proficiency in the language, elements of language, communication &amp; comprehension abilities-standard upto Secondary Level (X Class)</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>4.</td>
<td>Language –II (English)</td>
<td>Telangana State syllabus from classes I to VIII with difficulty standard as well as linkages upto class X level</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>5.</td>
<td>Mathematics</td>
<td>Telangana State syllabus from classes I to VIII with difficulty standard as well as linkages upto class X level</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>6.</td>
<td>Science *</td>
<td>Telangana State syllabus from classes I to VIII with difficulty standard as well as linkages upto class X level</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>7.</td>
<td>Social Studies **</td>
<td>Telangana State syllabus from classes I to VIII with difficulty standard as well as linkages upto class X level</td>
<td>18</td>
<td>9</td>
</tr>
<tr>
<td>8.</td>
<td>Teaching Methodology (Strategy Papers)</td>
<td>D.Ed- T.S Syllabus</td>
<td>30</td>
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<td>160</td>
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</table>

**Note:**
* Science includes Science content of Environmental Studies (EVS) (Classes I - V), General Science Classes VI & VII) and Physical science & Bio-Science (Class VIII)
** Social Studies includes Social Studies Content of Environmental Studies (EVS) (Classes I - V) and Social Studies (Classes VI - VIII)
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS  (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)
1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period.
2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.
Part – III
Language – I (Indian Languages) (Marks: 09)

చివరక
1. స్థాయిని వివిధ రాశి పదార్థాలు –
2. కాతరా
3. సంఖ్యలు
   సంఖ్యలు – శాస్త్రాలు – గ్రామాలు – శాస్త్ర సమాచార – నాగార్జునాప్ట్లు – తూర్పు శాస్త్రాలు
4. సంఖ్యలు
   సంఖ్యలు – సాంస్కృతిక పదార్థాలు – సాంస్కృతిక పదార్థాలు

Part – IV
Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R)
   Numeration and Notation, Representation of numbers on Number Line, place value and four fundamental operations , properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.),Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical back ground, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms , Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on
polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
   What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science.
   Scientific method, process skills, communicating science, safety in science.

2. Living World:
   a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   b) Animal life:
      Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals-animal fibre, parts used in taking food in animals & birds, animal colonies.
      Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   c) Microbial World.
      Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment

   Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation. Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities.

   Natural Resources and calamities air, water its composition; biodegradable waste.

4. Agriculture and Animal Husbandry
Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. Food and Shelter
(a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.
(b) Shelter
Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.
(c) Work and Play
Occupations and child labour, types of play, games, sports and its advantages and disadvantages.


10. Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications


12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current

14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes


Part – VII
SOCIAL STUDIES (Marks: 09)
Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.

7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.

8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act


History :


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.

7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.

8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.

9. Mughal Empire: The condition of India on the eve of Babur's invasion, Babur, Humayun, Shersha, Akbar, Jahangir, Shahjahan, Aurangajeb, The reasons
for the downfall of the Mughal Empire, The Rise of Marathas, History of the Sikhs.


12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian princess, British policy towards neighbouring countries


Civics:


3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC,
India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s Role in U.N., Contemporary World problems, New International Economic order, Environmental Protection, Human Rights.

4. Traffic Education / Road Safety Education.
5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics:

2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.


4. Theory of Value: Classification of markets, perfect competition features, price determination.


6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.


and importance of Service Sector in Indian Economy. Problems of Indian Economy: Poverty, unemployment and regional disparities. Planning: Meaning and definition – Five Year Plans in India. Disaster management and types of disaster and natural disasters.

Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)

Teaching Methodology - English
2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:- (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

**Teaching Methodology – Science**
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

**Teaching Methodology – Social Studies**
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS  (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during pre-independent and post-independent period.

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III
Language – I (Indian Languages) (Marks: 09)
Hindi
1. रचनाकला/रचनाओं विषयतः, चित्र, विशेषण, भाषा शैली आदि।
2. साहित्यक विधाएं और उनकी विशेषताएं
3. भाषा तत्व और व्याकरण
   - शब्द विचार : अपसर्ग – प्रत्यय
   - शब्द भेद
   - लिंग, वर्ग, कारक, काल
   - शब्द रूपांतर
   - शब्द – अर्थ, विलेण, विलेण अर्थ, पर्यावरणीय शब्द और विलोम शब्द
   - शब्द परिचय – तत्सम, तदभव, देशां और विदेशी
   - वाक्य संरचना, भेद
   - वाक्य – समास
   - मुहूर्ते – लोकपक्षियों, कहावतें.

Part – IV
Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N, W, Z, Q, R) Numeration and Notation, Representation of numbers on Number Line, place value and four fundamental operations, properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.), Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix
recurring decimal with integral part their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical background, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms, Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres,
the centroid, orthocenter (Concurrency of triangles). Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science. Scientific method, process skills, communicating science, safety in science.

2. Living World:
(a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
(b) Animal life:
Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals-animal fibre, parts used in taking food in animals & birds, animal colonies.
Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
(c) Microbial World.
Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment
Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation. Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities.
Natural Resources and calamities air, water its composition; biodegradable waste.

4. Agriculture and Animal Husbandry

Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. Food and Shelter

(a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.

(b) Shelter

Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.

(c) Work and Play

Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

6. Our Universe: Constellations, Zodiac, Solar System Stars, Meteors and Comets


10. Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications


12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current

14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes


Part – VII
SOCIAL STUDIES (Marks: 09)

Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.


7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.

8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act


History :

1. Study of the past - Pre-Historic and Proto – Historic Period
   a) Bronze Age Civilization


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.

7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.
8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.

Civics:
social practices. Secularism: Need and importance, India – religious
tolerance, Promotion of Secularism in India, Gender Equality, right to
property.
3. World Peace and Role of India: India in the international era, Foreign
Policy Non-Alignment Movement Policy (NAM), India and Common
Wealth, India’s Relations with Super Powers, India and Neighbours, India
and SAARC, India’s leading role in the World. UNO and Contemporary
World Problems: UNO - Organs and specialized agencies, functions,
achievements, India’s Role in U.N., Contemporary World problems, New
4. Traffic Education / Road Safety Education.
5. Culture and Communication- Handicrafts and handlooms in Telangana-
Structural Monuments- performing arts- and artists, Film and print media
and sports: Nationalism and Commerce.

Economics :
1. Economics – Meaning, Definition, Scope, importance – Classification of
Economics ( Micro & Macro) – Concepts of Economics – different types of
goods, wealth, income, utility, value, price, wants and welfare. Basic elements
of Economics – Types of utility, consumption, production, distribution, scarcity,
Economic agents. Factors of production – Land, Labour, Capital and
organization – forms of Business Organization.
2. Theory of Demand: Meaning, determinants of demand, demand schedule –
individual & market demand schedule, the law of demand, demand curve,
demand function.
3. Supply: Meaning, determinants of supply, supply schedule, Individual and
market supply schedule, law of supply, supply curve.
4. Theory of Value: Classification of markets, perfect competition features, price
determination.
5. Theory of Distribution: Distribution of income – determination of factor prices –
rent, wage, interest and profit.
6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.
Product, Net National Product – National Income at factor cost – personal
income – disposable income – per capita income – nominal and real G.N.P.,
National income and distribution – Standard of living, Human development
Index – Economic inequalities and poverty line.
8. Budget: Meaning, definition, central and state budgets, Types of budget –
Surplus, balanced & deficit, Types of Revenue – Taxation – direct and indirect
taxes, Classification of revenue & expenditure in budget, Types of deficits.
9. Money: Definition – functions of money, Classification of money, supply of
money.
10. Banking: Commercial banks – Functions, Central Bank – origin and
functions, Reserve Bank of India.
11. Economic Growth and Development: Economic Growth, Economic
development – concept, Indicators, Factors influencing Economic
Development, Economic Development in India.
12. Indian Economy: Characteristic of Indian Economy before Independence:
Indian Economy since independence – organized and unorganized Sectors.
Population in India – birth and death rate –occupational distribution of
population in India and Telangana. Human Resource Development: Meaning
of Human Resource Development –Role of Education and Health in
Economic development – Human Development Index. Agriculture Sector in India: Importance – Characteristics of Indian agriculture, causes for low productivity, measures to increase agriculture productivity in India, Land reforms in India – Green Revolution. Industrial Sector: Role of Industrial Sector in Indian Economy – Classification of Industries. Tertiary Sector: Role and importance of Service Sector in Indian Economy. Problems of Indian Economy: Poverty, unemployment and regional disparities. Planning: Meaning and definition – Five Year Plans in India. Disaster management and types of disaster and natural disasters.

Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)
Teaching Methodology – Hindi

I.
1. भाषा – अर्थ और स्वरूप
2. माध्यमिक स्तर पर हिंदी शिक्षण के उद्देश्य
3. भाषा की समस्या – विभाषा – सुत्र

II.
1. आदर्श हिंदी – अध्यापक के गुण
2. अच्छे शिक्षण की तिथियाँ
3. भाषा – शिक्षण की सामान्य सिद्धान्त
4. भाषा – शिक्षण के सूत्र
5. भाषा – शिक्षण की प्रणालियाँ
6. भाषा – शिक्षण की विधियाँ

III.
1. शिक्षण में भाषा – कौशलों का महत्त्व
2. भाषा कौशलों का विकास
   सुनना: ध्वनि की ऊतपति, ध्वनि – श्रवन और फारसप्राची संबंध
   बोलना: शब्दोच्चारण, वक्यों, शुद्ध दोच्चारण का अभ्यास, मौखिक अभिव्यक्ति, पाठशाला में वार्तालाप का अभ्यास
   पढ़ना: विशेषताएँ, वाचन के प्रकार, वाचन संबंधी दोष और उपचार
   लिखना: महत्त्व, नियम, विधियाँ, प्रकार, अक्षरक्रियायें
3. भाषा – कौशलों का समन्वय
Teaching Methodology - English

2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills: (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language
Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Science
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Social Studies
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period.

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III & IV
Language – English (Marks: 09 + 09)

English
1. Poets, Essayists, Novelists, Dramatists and their works
2. Forms of Language – Story, Essay, Letter writing, Editorial, Précis writing, note-making, autobiography and biography
3. Pronunciation – Sounds – Use of dictionary
4. Parts of Speech
5. Tenses
6. Types of Sentences
7. Articles and Prepositions
8. Degrees of Comparison
9. Direct and Indirect – Speech
10. Clauses
11. Active and Passive Voice
12. Use of Phrases
13. Comprehension of a Prose passage / Poems
14. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R) Numeration and Notation, Representation of numbers on Number Line, place value and four fundamental operations, properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.), Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.

5. Geometry: Structure of geometry and Historical back ground, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms , Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals , exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.
7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
   What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science.
   Scientific method, process skills, communicating science, safety in science.

2. Living World:
   (a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   (b) Animal life:
   Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration- reproduction in animals- life cycle of mosquito, house fly and frog, cloning, economic importance of animals- animal fibre, parts used in taking food in animals & birds, animal colonies. Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World.
   Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment
   Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation. Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities.
   Natural Resources and calamities air, water its composition; biodegradable waste.

4. Agriculture and Animal Husbandry
   Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. Food and Shelter
   (a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.
   (b) Shelter
Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.

(c) Work and Play
Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

6. Our Universe: Constellations, Zodiac, Solar System Stars, Meteors and Comets


10. Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications


12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current


14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes


17. Water and its Constituents: Volumetric composition of water, Industrial and other uses of water, Laboratory preparation of Hydrogen, Properties of


Part – VII
SOCIAL STUDIES (Marks: 09)

Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.
7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.
8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act


History:


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.

7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.

8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.


12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian princess, British policy towards neighbouring countries


Civics:


3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC, India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s Role in U.N., Contemporary World problems, New International Economic order, Environmental Protection, Human Rights.

4. Traffic Education / Road Safety Education.

5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics:

1. Economics – Meaning, Definition, Scope, importance – Classification of Economics (Micro & Macro) – Concepts of Economics – different types of goods, wealth, income, utility, value, price, wants and welfare. Basic elements of Economics – Types of utility, consumption, production,

2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.


4. Theory of Value: Classification of markets, perfect competition features, price determination.


6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.


Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)
Teaching Methodology - English

2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:— (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

**Teaching Methodology – Mathematics**
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

**Teaching Methodology – Science**
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

**Teaching Methodology – Social Studies**
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS  (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION  (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period.

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III
Language – I (Indian Languages) (Marks: 09)
Urdu

Part – IV
Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R)
   Numeration and Notation, Representation of numbers on Number Line, place
   value and four fundamental operations, properties of numbers, squares,
   cubes, square roots (R) and their extraction square roots of real numbers
   and cube roots, factorization method, types of surds conjugation and
   rationalization of surds, Prime and composite numbers, types of prime
   numbers (co, twin, related etc.), Fermat number, even and odd numbers,
   prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman
   Numerals, Test of divisibility. International System, Concepts and types of
fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical back ground, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms , Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of
triangles). Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI
SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
   What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science.
   Scientific method, process skills, communicating science, safety in science.

2. Living World:
   (a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photosynthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   (b) Animal life:
      Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration- reproduction in animals- life cycle of mosquito, house fly and frog, cloning, economic importance of animals- animal fibre, parts used in taking food in animals & birds, animal colonies.
      Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World.
      Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment
   Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation.
Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities.

Natural Resources and calamities air, water its composition; biodegradable waste.

4. **Agriculture and Animal Husbandry**

Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. **Food and Shelter**

(a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.

(b) Shelter

Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.

(c) Work and Play

Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

6. **Our Universe: Constellations,  Zodiac, Solar System Stars, Meteors and Comets**


10. **Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications**

11. **Magnetism: Natural Magnets and Artificial Magnets, Properties of Magnets, Magnetic Induction.**
12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current


14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes


Part – VII
SOCIAL STUDIES (Marks: 09)
Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.


7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.

8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade-deforestation- forest conservation- (social forestry) –forest rights Act


History :


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavarndhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.
7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.

8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.


Civics:


democracy, Information awareness – Right to Information Act. Socialism: Meaning, Definition, Characteristics of Socialism, Social barriers in India, Socialism in Practice – Challenges facing in our country - Illiteracy, regionalism, communalism, child rights, law,society and individual, anti social practices. Secularism: Need and importance, India – religious tolerance, Promotion of Secularism in India, Gender Equality, right to property.

3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC, India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s Role in U.N., Contemporary World problems, New International Economic order, Environmental Protection, Human Rights.

4. Traffic Education / Road Safety Education.

5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

**Economics :**


2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.


4. Theory of Value: Classification of markets, perfect competition features, price determination.


6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.


Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)
Teaching Methodology - English
2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:- (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Science
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Social Studies
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
SGT - BENGALI
SYLLABUS

Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS  (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III
Language – I (Indian Languages) (Marks: 09)
BENGALI
1. বাঙালি, লেখক, কবর এবং রচনা
2. প্রথমাংশ - ইতিহাস, পুরাণ, পাণ্ড রচনা, পত্র, তাত্ত্বিক জীবনী
3. ভাষারূপে প্রাচীন, প্রাচীন, প্রাচীন, গ্যালিক
4. ভাষায় - কলেজ, শিক্ষা, উক্তি স্থান, শব্দ ভাষা ভাষার, শব্দ ভাষা বিভিন্ন অংশ পর্যায় বাংলা, তাত্ত্বিক, তথ্য ভাষা, বাংলা-ভাষা, কর্মর কর্মরাধিক, প্রত্যেক
পরোপকার বাঙ্লা, সর্বজ্ঞ-স্মারক

Part – IV
Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R) Numeration and Notation, Representation of numbers on Number Line, place value and four fundamental operations, properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.), Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.
2. Arithmetic: Length, weight, capacity, Time and Money their standard unit and Relation between them, and their use in daily life. Unitary method, Ratio and proportion, Inverse Proportion, Percentages, trade discount, Average, profit –
loss, Simple interest, compound interest, Partnership, time-distance and work. Problems pertaining to Clocks and calendar.


5. Geometry: Structure of geometry and Historical background, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms, Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their
constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
   What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science.
   Scientific method, process skills, communicating science, safety in science.

2. Living World:
   (a) Plant life:
   Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric.
   (b) Animal life:
   Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals-animal fibre, parts used in taking food in animals & birds, animal colonies. Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World.
   Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment
   Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation. Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities. Natural Resources and calamities air, water its composition; biodegradable waste.

4. Agriculture and Animal Husbandry
   Agricultural equipment and operations, kinds of crops and separation of substances , crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.
5. **Food and Shelter**
   (a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.
   (b) Shelter
   Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.
   (c) Work and Play
   Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

6. **Our Universe**
   Constellations, Zodiac, Solar System Stars, Meteors and Comets

7. **Measurement**

8. **Natural Resources**
   Air and Water: Air its Composition, Measurement of Atmospheric Pressure, Air Pollution, Green House Effect, Volumetric Composition of Water, Hardness of Water, Drinking Water, Water Pollution, Wind, Rainfall, Cyclones, Pascal’s Law, Archimedes Principle, Boyle’s Law, Bernoulli’s Principle

9. **Natural Phenomena**

10. **Mechanics, Kinematics and Dynamics**
    Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications

11. **Magnetism**
    Natural Magnets and Artificial Magnets, Properties of Magnets, Magnetic Induction.

12. **Electricity**
    Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current

13. **Modern World – Instruments**

14. **Action of Heat on Substances & Types of Chemical changes**
    Action of Heat, Differences between Physical and Chemical change, Types of chemical changes

15. **Symbols, Formulae and Equations**
    Symbols and formulae, Radicals and their formulae, Chemical equation, Meaning, Calculations based on equations and relationship of reactants and products by weights.

16. **Laws of Chemical Combination**


Part – VII
SOCIAL STUDIES (Marks: 09)

Geography:

1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.


7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.
8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act

History :
1. Study of the past - Pre-Historic and Proto – Historic Period
   a) Bronze Age Civilization
4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)
5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas
6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.
7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.
8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.
12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian prncess, British policy towards neighbouring countries


Civics:


4. Traffic Education / Road Safety Education.
5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics :
2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.
4. Theory of Value: Classification of markets, perfect competition features, price determination.
6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.
Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)

Teaching Methodology - English

2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:– (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

Teaching Methodology – Mathematics

1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Science

1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Social Studies

1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during pre-independent and post-independent period.

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.

3. Educational Concerns in Contemporary India:
   Inclusive Education: Conceptual Clarification and Definition, Prevalence, Myths & Facts, Characteristics, Classification & Types, Importance of Early Identification and Assessment, Planning Inclusive Education, Programming and Classroom Management in Inclusive Education, Evaluation, Documentation and Record Maintenance, Psycho-Social management, Awareness & Sensitization Strategies;
   Environmental Education: Concept, Objectives of Environmental Education, Environment and Natural Resources; Environmental Pollution – causes and effects and measures for the protection of environment, Development of Environmental Values through Environmental Education;
   Literacy: Saakshar Bharat Mission, National Programme for Education of Girls at Elementary Level (NPEGEL)
   School Health Programme, Disaster Management, Population Education, Adolescence Education and Life Skills, Liberalization, Privatization and Globalization, Value Education


Part – III
Language – I (Indian Languages) (Marks: 09)
Marathi
1. कावळ , लेखक - कावळ आणि लेखक.
2. प्रकोप - इतिहास , प्रकार, पुराण, कथा, निबंध, पत्र, समिक्षा, आत्मचरित्र, चरित्र.
3. भाषाचे स्वरूप - साहित्यिक, व्याकरणिक, प्रादेशिक, आमांकिक.
4. भाषेचे अंश – वर्णमाला, संज्ञा, शब्द अर्थ अनेक अर्थ , पर्यायवर्ती शब्द, तत्सम, तत्समाव, शब्द उत्तरती, वाक्यमैत्र, कृत्य, कर्मणी, प्रलय, परीक्ष, संपी, समास, अलकार.

Part – IV
Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R)
   Numeration and Notation, Representation of numbers on Number Line, place
   value and four fundamental operations , properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.),Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical back ground, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms , Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals , exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.
6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI
SCIENCE (Marks: 09)

1. Science in everyday life: science institutes and branches:
   What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science. Scientific method, process skills, communicating science, safety in science.

2. Living World:
   (a) Plant life:
   Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   (b) Animal life:
   Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals-animal fibre, parts used in taking food in animals & birds, animal colonies. Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World.
   Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.

3. Our Environment
   Biotic and abiotic, conservation of environment, weather and climate, different ecosystem, soil – our life, forest – our life, biodiversity and its conservation. Types of pollution and its effects – controlling measures – green house effect, ozone depletion, deforestation, human activities. Natural Resources and calamities air, water its composition; biodegradable waste.

4. Agriculture and Animal Husbandry
   Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.
5. **Food and Shelter**  
(a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.  
(b) Shelter  
Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.  
(c) Work and Play  
Occupations and child labour, types of play, games, sports and its advantages and disadvantages.


10. **Mechanics, Kinematics and Dynamics: Motion- Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications**

11. **Magnetism: Natural Magnets and Artificial Magnets, Properties of Magnets, Magnetic Induction.**

12. **Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current**


14. **Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes**


Part – VII
SOCIAL STUDIES (Marks: 09)

Geography:

1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.


7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.

8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act


History:


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.

7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.

8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.


10. Advent of Europeans : Portuguese, Dutch, French & English: Anglo – French rivalry – Carnatic wars, Establishment of British rule in India, The first war of


12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian princes, British policy towards neighbouring countries


Civics:


3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC, India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s

4. Traffic Education / Road Safety Education.

5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics :


2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.


4. Theory of Value: Classification of markets, perfect competition features, price determination.


6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.


Five Year Plans in India. Disaster management and types of disaster and natural disasters.

Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)
Teaching Methodology - Marathi

1. भाषा, मातृभाषा, उदेश
2. भाषा कौशल्य
3. शिक्षण पद्धती
4. योजना - सहाय्यक सामग्री ,पाठ्योपकर क्रिया.
5. शिक्षण - पाठ्य सामग्री शैक्षणिक तंत्रज्ञान
6. मूल्यांकन

Teaching Methodology - English
2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:- (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation
Teaching Methodology – Science
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Social Studies
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS  (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III
Language – I (Indian Languages) (Marks: 09)
Tamil
1. நடுநிலைகள், கோடுகள், கிழக்கு, மேல்
2. முறையூற்றல், திட்டுவம், கோட்டையில், புதுக்கோட்டையில், மேலுக்கோட்டையில், கிழக்கு, மேல், கல்லூரி, தென்னாப், முதலுக்கோட்டையில், கிழக்கு.
3. வெளிநிலைகள் வள்ளல் - பிரெஞ்சுக் கோட்டை, மேல் வள்ளல், மேல் வள்ளல்.
4. வெளிநிலைகள் தொடர் (ஆப்பு, அல்லது, மேலுக்கோட்டை) கூறி வள்ளல், கிழக்கு வள்ளல் தொடர் வெளியில் புதுக்கோட்டை, മேலுக்கோட்டை, புதுக்கோட்டை தொடர் வெளியில் புதுக்கோட்டை, മேலுக்கோட்டை, புதுக்கோட்டை தொடர் வெளியில்

Part – IV Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R)
   Numeration and Notation, Representation of numbers on Number Line, place value and four fundamental operations, properties of numbers, squares, cubes, square roots (R) and their extraction, square roots of real numbers and cube roots, factorization method, types of surds, conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.), Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal representation, writing pure recurring decimal / mix recurring decimal with integral part, their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical back ground, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms, Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their
constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram, Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)


2. Living World:
   (a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photo synthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   (b) Animal life: Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals-animal fibre, parts used in taking food in animals & birds, animal colonies. Human body-body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World. Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.


4. Agriculture and Animal Husbandry Agricultural equipment and operations, kinds of crops and separation of substances , crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. Food and Shelter
   (a)History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.
(b) Shelter
Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.

(c) Work and Play
Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

10. Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s laws of Motion, Centre of Gravity, Stability, Applications
12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current
14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes


Part – VII
SOCIAL STUDIES (Marks: 09)

Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.
7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.
8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act


History :

1. Study of the past - Pre-Historic and Proto – Historic Period
   a) Bronze Age Civilization


4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)

5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas

6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.

7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakthi Movement, Influence of Islam on Indian Culture.

8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.


12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian princess, British policy towards neighbouring countries


Civics:


3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC, India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s Role in U.N., Contemporary World problems, New International Economic order, Environmental Protection, Human Rights.

4. Traffic Education / Road Safety Education.

5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics:

1. Economics – Meaning, Definition, Scope, importance – Classification of Economics (Micro & Macro) – Concepts of Economics – different types of goods, wealth, income, utility, value, price, wants and welfare. Basic elements of Economics – Types of utility, consumption, production, distribution,

2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.


4. Theory of Value: Classification of markets, perfect competition features, price determination.


6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.


Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)

Teaching Methodology - Tamil
1. இந்தும் தமிழில் உலகிலில்
2. பார்வைதியதா
3. போர்லியல் எழுதல்
4. மையப்படை மற்றும் பலகைகள், பலகைப்படையில் மைய நீர்வாயில்
5. மிளினி

Teaching Methodology - English
2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:- (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
7. Teaching Learning Materials in English
8. Lesson Planning
9. Curriculum & Textbooks
10. Evaluation in English language

Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
4. Instructional Material, TLM and Resource Utilization in Mathematics
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Science
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation
Teaching Methodology – Social Studies
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
Part - I
GENERAL KNOWLEDGE AND CURRENT AFFAIRS   (Marks: 10)

Part – II
PERSPECTIVES IN EDUCATION (Marks: 10)

1. Education: Meaning, Aims of Education, Functions of Education, Types of Education; Constitutional Provisions, important articles and their Educational implications for General and disabled population; Universalization of Elementary Education - Schemes and Programmes to achieve UEE like OBB, APPEP, DPEP, SSA, Open schools, Mid-day-Meals; Recommendations of various committees and commissions during preindependent and post-independent period

2. Teacher Empowerment: Meaning, interventions for empowerment, Professional code of conduct for teachers, Teacher motivation, Professional development of Teachers and Teacher organizations, National / State Level Organizations for Teacher Education, Maintenance of Records and Registers in Schools.


Part – III
Language – I (Indian Languages) (Marks: 09)
Kannada

1. ವ್ಯಕ್ತಿಗೊಳಿಸಲು, ಭಾಷೆಹೆಸಲು, ಶಿಕ್ಷಣ
2. ವಾಕ್ಯಶಿಲ್ಪಗಳು:
   - ವಿಧಾನಗಳ, ವಿಧಾನ ಶಿಕ್ಷಣ, ಬಿಡಿನಾಡು, ಬಿಡಿನಾಡು, ಸಿಂಹ್ ಶಿಕ್ಷಣ, ಶಿಕ್ಷಣ, ಶಿಕ್ಷಣ.
3. ಸಂಖ್ಯೆಗಳು:
   - ಸಂಖ್ಯೆಗಳ, ಸಂಖ್ಯೆಗಳ ನೂತನಾವಿ, ಸಂಖ್ಯೆಗಳ ನೂತನಾವಿ, ಸಂಖ್ಯೆಗಳ ನೂತನಾವಿ, ಸಂಖ್ಯೆಗಳ ನೂತನಾವಿ, ಸಂಖ್ಯೆಗಳ ನೂತನಾವಿ.
4. ವ್ಯಕ್ತಿಗೊಳಿಸಲು:
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ ನೂತನಾವಿ
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ, ವಾಕ್ಯಶಿಲ್ಪಗಳ
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ
   - ವಾಕ್ಯಶಿಲ್ಪಗಳ

Part – IV Language II - English (Marks: 09)
1. Parts of Speech
2. Tenses
3. Types of Sentences
4. Articles and Prepositions
5. Degrees of Comparison
6. Direct Speech and Indirect Speech
7. Clauses
8. Voice – Active and Passive Voice
9. Use of Phrases
10. Comprehension of a Prose Passage
11. Composition
12. Vocabulary

CONTENT
Part – V
Mathematics (Marks: 09)
1. Number System (Elementary Number Theory): Number system (N,W,Z,Q,R) Numberation and Notation, Representation of numbers on Number Line, place value and four fundamental operations , properties of numbers, squares, cubes, square roots (R) and their extraction square roots of real numbers and cube roots, factorization method, types of surds conjugation and rationalization of surds, Prime and composite numbers, types of prime numbers (co, twin, relative etc.),Fermat number, even and odd numbers, prime factors, LCM, GCD and Theorem of Gauss on relative primes, Roman Numerals, Test of divisibility. International System, Concepts and types of fractions, decimal fractions, rational and irrational numbers, decimal
representation, writing pure recurring decimal / mix recurring decimal with integral part their fundamental operations and their use in daily life.


5. Geometry: Structure of geometry and Historical background, Geometry in Real Life, Fundamentals in Geometry, Method of proof, concept of converse, Rotation of an angle, Types of angles, Construction and measurement of angles, Line, axis, shapes, reflections. Symmetry – line of symmetry, point of symmetry, reflection, image of an angle. Construction of Different Angles, line segments, midpoint, etc. Triangles, its properties, Inequalities in a triangle, Types of Triangles, Parts of triangle, special cases like unique triangle, concurrency, Similar triangle and their properties, Theorems on similar triangle Congruency of triangles, SAS/ASA/SSA Axioms , Some theorems, Construction of triangles, harder cases, different types, concurrent lines in triangles (some theorems) Median, altitudes of a triangle the circum centre, in centre, the ex-centres, the centroid, orthocenter (Concurrency of triangles).Circles and its parts, Locus, Congruency of Circles, Cyclic Quadrilaterals, Axioms, Straight line, basic axioms parallel lines, Some theorem based on Parallel lines, Angles of a polygon, theorems based on polygons, Similar polygons Parallelogram and its properties, Geometric inequalities, Quadrilaterals, exterior and interior and convex and their constructions, Elements of Three dimensional Objects, Nets of 3 Dim diagrams, Some theorems and their Converse.

6. Mensuration: Perimeter and Area of Triangle, Quadrilateral, Sector, Circle, different types of paths and polygons. Perimeter and Area of four walls of room, Surface Area and Volumes of Cubes and Cuboids. Tan diagrams, conversion of units.

7. Data Handling and Statistics: Introduction to data, data presentation, diagrammatic presentation of data, Guidelines for constructing a diagram,
Constructions of Pictographs, Bar-graphs, Pie diagram, Frequency distribution table, frequency graphs (curves, polygon), Ogive curves, Average, Median, Mode.

Part – VI

SCIENCE (Marks: 09)

1. **Science in everyday life: science institutes and branches:** What is science, science and change, science in daily life, contribution of scientists, national institutes of science, different branches of science. Scientific method, process skills, communicating science, safety in science.

2. **Living World:**
   (a) Plant life: Classification of plants, cell- the basic unit of life. Parts of typical plant, plant parts and functions: photosynthesis, respiration, transpiration, reproduction, seed dispersal, wild and cultivated plants, plant diseases, cloning, economic importance of plants- fibre to fabric
   (b) Animal life: Classification of animals, cell- the basic unit of life. Types of animals: wild and domestic- respiration– reproduction in animals– life cycle of mosquito, house fly and frog, cloning, economic importance of animals- animal fibre, parts used in taking food in animals & birds, animal colonies. Human body- body parts, sense organs, human systems, health, hygiene and sanitation, diseases prevention and control safety and first aid, adolescence.
   (c) Microbial World. Invention of microscope- discovery of microorganisms, classification of microorganisms its observation, types of microorganisms, useful and harmful micro organisms.


4. **Agriculture and Animal Husbandry** Agricultural equipment and operations, kinds of crops and separation of substances, crop diseases and pest control measures, places where different crops grown in Telangana, sustainable farming, sericulture, pisciculture, breeding of cows & buffaloes, dairy farm, poultry farm, movements in animals.

5. **Food and Shelter**
   (a) History of food and nutrition - types of food, nutrients, food habits, methods of preparing food, storage and preservation of food, balanced diet, food production from plants and animals.
   (b) Shelter
      Habitat: types of habitat - social life in ants and honeybees, shelter variations in animals, electrical appliances, diversity of habitats.
   (c) Work and Play
      Occupations and child labour, types of play, games, sports and its advantages and disadvantages.

6. **Our Universe:** Constellations, Zodiac, Solar System Stars, Meteors and Comets


8. **Natural Resources- Air and Water:** Air its Composition, Measurement of Atmospheric Pressure , Air Pollution, Green House Effect, Volumetric Composition of Water, Hardness of Water, Drinking Water, Water Pollution, Wind, Rainfall, Cyclones, Pascal’s Law, Archimedes Principle, Boyle’s Law, Bernoulli’s Principle
10. Mechanics, Kinematics and Dynamics: Motion-Types of Motion, Speed, Velocity, Scalars and Vectors, Acceleration, Newton’s law’s of Motion, Centre of Gravity, Stability, Applications
12. Electricity: Static Electricity, Primary Cells, Electric circuits, Torch Light, Effects of Electric Current, Magnetic, Chemical & Heating Effects of Electric Current
14. Action of Heat on Substances & Types of Chemical changes: Action of Heat, Differences between Physical and Chemical change, Types of chemical changes

Part – VII
SOCIAL STUDIES (Marks: 09)
Geography:
1. Maps: reading analysis, different kinds, and making of maps- Globe as the model of earth.
7. Ground water: Tanks, building of tanks – decline of tanks and fishing in tanks.- ground water level or water table – rocks and ground water in telangana- recharging of ground water – quality of ground water and use of ground water.
8. Forests: description and distribution- status of forests in telangana- tribal use of forests-forest products- economic importance and trade- deforestation-forest conservation- (social forestry) –forest rights Act

History :
1. Study of the past - Pre-Historic and Proto – Historic Period
   a) Bronze Age Civilization
4. India from 300 A.D. to 800 A.D.: The Gupta Empire, The Pushyabhuthi Dynasty (Harshavardhana)
5. Deccan and South Indian Kingdoms: The Chalukyas, the Pallavas, the Cholas, the Rashtrakutas, the Yadavas and the Kakatiyas
6. The Muslim Invasions in India: The Condition of India on the eve of Arab Invasion, Turkish invasions, Ghaznavids raids and its results, Effects of Muslim invasions.
7. Delhi Sultanate: The Slaves, the Khiljis, the Tughluqs, the Sayyids and the Lodis, Downfall of Delhi Sultanate, The Sufi Movement and Bhakti Movement, Influence of Islam on Indian Culture.
8. The South Indian Kingdom: The Kakatiya, the Vizianagaram and the Bahman Kingdom.

12. India Between 1858 – 1947: Political, Economic and Social Policies of British in India, The British Policy towards Indian princess, British policy towards neighbouring countries


Civics:


3. World Peace and Role of India: India in the international era, Foreign Policy Non-Alignment Movement Policy (NAM), India and Common Wealth, India’s Relations with Super Powers, India and Neighbours, India and SAARC, India’s leading role in the World. UNO and Contemporary World Problems: UNO - Organs and specialized agencies, functions, achievements, India’s Role in U.N., Contemporary World problems, New International Economic order, Environmental Protection, Human Rights.

4. Traffic Education / Road Safety Education.

5. Culture and Communication- Handicrafts and handlooms in Telangana- Structural Monuments- performing arts- and artists, Film and print media and sports: Nationalism and Commerce.

Economics:


2. Theory of Demand: Meaning, determinants of demand, demand schedule – individual & market demand schedule, the law of demand, demand curve, demand function.
4. Theory of Value: Classification of markets, perfect competition features, price determination.
6. Types of Economics – Capitalistic, Socialistic & Mixed Economy.

Part – VIII
Teaching Methodology (Strategy Papers) (Marks: 15)

2. Objectives of Teaching English.
3. Phonetics
4. Development of Language skills:- (a) Listening, Speaking, Reading & Writing (LSRW) (b) Communicative skills.
5. Approaches, Methods, Techniques of teaching English: Introduction, Definition and Types of Approaches, Methods and Techniques of Teaching English, Remedial Teaching.
6. Teaching of Structures and Vocabulary items.
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8. Lesson Planning
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10. Evaluation in English language

Teaching Methodology – Mathematics
1. Nature and Definitions of Mathematics
2. Aims, values and instructional objectives of teaching Mathematics
3. Methods of Teaching & Remedial measures in Mathematics
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6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Science
1. Nature and Scope of Science
2. Aims, Objectives & Values of Teaching Science
3. Correlation of Science with other School Subjects
4. Instructional Material, TLM and Resource Utilization in Science
5. Curriculum and its Transaction
6. Evaluation and Continuous Comprehensive Evaluation

Teaching Methodology – Social Studies
1. Nature and Scope of Social Studies
2. Aims, Objectives and Values of Teaching Social Studies
3. Methods of Teaching Social Studies
4. Resource Utilization, Content Enrichment material
5. Curriculum, Text Book and Instructional Planning
6. Evaluation and Continuous Comprehensive Evaluation
ANNEXURE - IV

INSTRUCTIONS TO CANDIDATES:

A) GENERAL INSTRUCTIONS TO CANDIDATES

1) Candidates are directed to follow the Commission’s Website (www.tspsc.gov.in) regularly to Know the latest developments regarding the Recruitment, dates of Examination, calling of candidates for verification of Certificates/ Interviews/ Results etc.

2) The candidates must note that his/her admission to the examination is strictly provisional. The mere fact that an Admission to the examination does not imply that his/her candidature has been finally cleared by the Commission or that the entries made by the candidate in his/her application have been accepted by the Commission as true and correct. The candidates have to be found suitable after verification of original certificates; and other eligibility criteria. The Applicants have to upload his/her scanned recent colour passport photo and signature to the Application Form. Failure to produce the same photograph, if required, at the time of interview/ verification, may lead to disqualification. Hence the candidates are advised not to change their appearance till the recruitment process is complete.

3) The candidates are not allowed to bring any Electronic devices such as mobile /cellphones, Calculators, tablets, iPad, Bluetooth, pagers, watches to examination centre. Loaning and interchanging of articles among the candidates is not permitted in the examination hall and any form of malpractice will not be permitted in the exam hall.

4) The candidates are expected to behave in orderly and disciplined manner while writing the examination. If any candidate takes away Answer Sheet of OMR based examination, the candidature will be rejected and in case of impersonation/ disorder/ rowdy behaviour during Examination, necessary F.I.R. for this incident will be lodged with concerned Police Station, apart from disqualifying his / her candidature.

5) Candidates trying to use unfair means shall be disqualified from the selection. No correspondence whatsoever will be entertained from the candidates.


7) EDIT OPTION TO THE CANDIDATES (FOR 3 DAYS)

Candidates are directed to take note that, after last date of receipt of Applications, Edit option to the candidates will be allowed for three (3) days to make any corrections regarding their Biodata particulars/Data corrections/Omissions etc., in the Online application already submitted to the Commission. After the due date, Data corrections through Online/Paper representations/Corrections on the Nominal Rolls will not be accepted under any circumstances.

B) INSTRUCTIONS REGARDING OFFLINE OMR BASED EXAMINATION FOR CANDIDATES

1) The candidates have to report 30 minutes before to the examination venue to record their thumb impression on Biometric system.

2) The candidates should go through the instructions given on the cover page of test booklet and carefully write his/her Register Number, Subject / Subject Code, Booklet Series, Name of the Examination Centre etc., in the Answer Sheet, which will be provided to him/her in the examination hall.

3) Since the answer sheets are to be scanned (valued) with Optical Mark Scanner system, the candidates have to USE BALL POINT PEN (BLUE/BLACK) ONLY FOR MARKING THE ANSWERS. The candidates will be supplied OMR Sheet consists of two copies i.e., the Original Copy (Top Sheet) and Duplicate Copy (Bottom Sheet). The candidate is required to use Ball Point Pen (Blue or Black) for filling the relevant blocks in the OMR Sheet including bubbling the answers. After writing the examination the candidate has to handover the original OMR sheet (Top Sheet) to the invigilator in the examination hall, if any candidate takes away the original OMR Sheet (Top Sheet) his/her candidature will be rejected. However the candidate is permitted to take away the duplicate (Bottom Sheet) OMR Sheet for his/her record. The candidates should bring Ball Point Pen (Blue/Black and smooth writing pad) to fill up relevant columns on the Answer Sheet. The candidate must ensure encoding the Register Number, Subject/Subject Code, Booklet Series, Name of the Examination Centre, Signature of the Candidate and Invigilator, etc., on the O.M.R. Answer sheet correctly, failing which the Answer sheet will be rejected and will not be valued. Use of whitener on OMR Sheet will lead to disqualification.

4) The OMR Sheet is to bubble only by Ball Point Pen (Blue/Black). Bubbling by Pencil / Ink Pen / Gel Pen is not permitted in this examination.
5) The candidates should satisfy the Invigilator of his identity with reference to the signature and photographs available on the Nominal Rolls and Hall Ticket.

6) No candidate should leave the examination hall till expiry of fulltime.

7) The Commission would be analyzing the responses of a candidate with other appeared candidates to detect patterns of similarity. If it is suspected that the responses have been shared and the scores obtained are not genuine/valid, the Commission reserves the right to cancel his/her candidature and to invalidate the Answer Sheet.

8) (i) Wherever Written Examination is held, only those candidates who are totally blind are allowed to write the examination with the help of scribe and 10 minutes extra time is permitted to them per hour.

(ii) An extra time of 20 minutes per hour is also permitted for the candidates with locomotor disability and CEREBRAL PALSY where dominant (writing) extremity is affected for the extent slowing the performance of function (Minimum of 40% impairment). No scribe is allowed to such candidates.

(iii) Scribe will be provided to those candidates who do not have both the upper limbs for Orthopedically Handicapped. However, no extra time will be granted to them.

(a) The scribe should be from an academic discipline other than that of the candidate and the academic qualification of the scribe should be one grade lower than the stipulated eligibility criteria.

(b) The candidate as well as the scribe will have to give a suitable undertaking confirming the rules applicable.

C) INSTRUCTIONS REGARDING ONLINE EXAMINATION FOR CANDIDATES

1) Candidates shall report at the venue one and half hour (90 minutes) before the Commencement of Examination as the candidates have to undergo certain procedural formalities required for online examination.

2) Date and Time of the Examination as per Hall-Ticket

3) The examination link with the login screen will already be available on your system. Please inform the invigilator if this is not the case.

4) 10 minutes prior to the exam, you'll be prompted to login. Please type the Login ID (Roll No) and the Password (Password for Candidate will be given on exam day) to proceed further.

5) Invigilator will announce the password at 09.50 AM and 02.20 PM.

6) Copying or noting down questions and/or options is not allowed. Severe action will be taken if any candidate is found noting down the questions and/or options.

7) After logging in, your screen will display:
   - Profile Information - Check the details & click on “I Confirm” or “I Deny”.
   - Detailed exam instructions - Please read and understand thoroughly.
   - Please click on the “I am ready to Begin” button, after reading the instructions.

8) You have to use the mouse to answer the multiple choice type questions with FOUR alternative questions.

9) To answer any numerical answer type question, you need to use the virtual numeric key pad and the mouse.

10) On the online exam question screen, the timer will display the balance time remaining for the completion of exam.

11) The question numbers are color coordinated and of different shapes based on the process of recording your response:
   - White (Square) - For un-attempted questions.
   - Red (Inverted Pentagon) - For unanswered questions.
   - Green (Pentagon) - For attempted questions.
   - Violet (Circle) - Question marked by candidate for review, to be answered later.
   - Violet (Circle with a Tick mark) - Question answered and marked by candidate for review.

12) After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.

13) Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.

14) To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.

15) A summary of each section, (i.e. questions answered, not answered, marked for review) is available for each section. You have to place the cursor over the section name for this summary.

16) In case you wish to view a larger font size, please inform the Invigilator. On the Invigilator's confirmation, click on the font size you wish to select. The font size will be visible on the top.

17) You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.

18) The SUBMIT button will be activated after 150 Minutes. It will continue for an additional 50 Minutes for PWD candidate eligible for compensatory time. Please keep checking the timer on your screen.
19) In case of automatic or manual log out, all your attempted responses will be saved. Also, the exam will start from the time where it had stopped.

20) You will be provided a blank sheet for rough work. Do write your Login ID and Password on it. Please ensure that you return it to the invigilator at the end of the exam after tearing ONLY the password from it.

21) Please don’t touch the keyboard as your exam ID will get locked. If your ID gets locked, please inform a nearby invigilator who will help in unlocking your ID and then you can continue with the exam.

22) Please inform the invigilator in case of any technical issues.

23) Please do not talk to or disturb other candidates.

24) In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.

25) You cannot leave exam room before submitting the paper. Please inform the invigilator if you want to use the wash room.
ANNEXURE-V
LIST OF SCHEDULED CASTES AND SCHEDULED TRIBES


LIST OF SCHEDULED CASTES

1. Adi Andhra
2. Adi Dravida
3. Anamuk
4. Aray Mala
5. Arundhatiya
6. Arwa Mala
7. Bariki
8. Bavuri
9. Beda (Budga) Jangam
10. Bindla
11. Byagara, Byagari
12. Chachati
13. Chalavadi
14. Chamar, Mochi, Muchi, Chamar-Ravidas, Chamar- Rohidas
15. Chambhar
16. Chandra
17. Dakkal, Dokkalwar
18. Dandasi
19. Dhor
20. Dom, Dombara, Paidi, Pano
21. Ellamalawar, Yellammalawandlu
22. Ghavi, Haddi, Relli, Chanchandi
23. Godari
24. Gosangi
25. Holeya
26. Holeya Dasari
27. Jaggali
28. Jambuvulu
29. Kolupulvandlu, Pambada, Pambanda, Pambala
30. Madasi Kuruva, Madari Kuruva
31. Madiga
32. Madiga Dasu, Mashteen
33. Mahar
34. Mala, Mala Ayawaru
35. Mala Dasari
36. Mala Dasu
37. Mala Hannai
38. Malajangam
39. Mala Masti
40. Mala Sale, Nethani
41. Mala Sanyasi
42. Mang
43. Mang Garodi
44. Manne
45. Mashti
46. Matangi
47. Mehtar
48. Mitha Ayyalvar
49. Mundala
50. Paky, Moti, Thoti
51. Pamidi
52. Panchama, Pariah
53. Relli
54. Samagara
55. Samban
56. Sapru
57. Sindhollu, Chindollu
58. Yatala
59. Valluvan
LIST OF SCHEDULED TRIBES

1. Andh, Sadhu Andh
2. Bagata
3. Bhil
4. Chenchu
5. Gadabas, Bodo Gadaba, Gutob Gadaba, Kallayi Gadaba, Parangi Gadaba, Kathera Gadaba, Kapu Gadaba
6. Gond, Naikpod, Rajgond, Koitur
7. Goudu (in the Agency tracts)
8. Hill Reddis
9. Jatapus
10. Kammara
11. Kattunayakan
12. Kolam, Kolawar
13. Konda Dhoras, Kubi
14. Konda Kapus
15. Kondareddis
16. Kondhs, Kodi, Kodhu, Desaya Kondhs, Dongria Kondhs, Kuttiya Kondhs, Tikiria Kondhs, Yenity Kondhs, Kuvinga
17. Kotia, Bentho Oriya, Bartika, Dulia, Holya, Sanronra, Sidhobaiko
18. Koya, Doli Koya, Gutta Koya, Kammara Koya, Musara Koya, Oddi Koya, Pattidi Koya, Rajah, Rashasha Koya, Lingadhari Koya (ordinary), Kottu Koya, Bhine Koya, Rajkoya
19. Kula
20. Manna Dhora
21. Mukha Dhora, Nooka Dhora
22. Nayaks (in the Agency tracts)
23. Pardhan
24. Porja, Parangiperja
25. Reddi Dhoras
26. Rona, Rena
27. Savaras, Kapu Savaras, Maliya Savaras, Khutto Savaras
28. Sugalis, Lambadis, Banjara
29. Thoti (in Adilabad, Hyderabad, Karimnagar, Khammam, Mahbubnagar, Medak, Nalgonda, Nizamabad and Warangal districts)
30. Yenadis, Chilla Yenadi, Kappala Yenadi, Manchi Yenadi, Reddi Yenadi
31. Yerukulas, Koracha, Dabba Yerukula, Kunchapuri Yerukula, Uppu Yerukula
32. Nakkala, Kurvikaran.

LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES

As per G.O. Ms. No. 16 Backward Classes Welfare (OP) Department, Dated:11.03.2015 and read with G.O.MS.No. 34, Backward Classes Welfare (OP) Department, Dated: 08/10/2015, G.O. Ms. No. 4 Backward Classes Welfare (OP) Department, Dated: 30/01/2016

STATE LIST OF BCs
(List of Backward Classes of Telangana State)

GROUP-A
(Aboriginal Tribes, Vimuktha Jathis, Nomadic and Semi-Nomadic Tribes etc.)
2. Balasanthu, Bahurupi
3. "[Bandara]
4. Budabukkala
5. Rajaka (Chakali, Vannar)
6. Dasari (formerly engaged in Bikshatana i.e., Beggary)
7. Dommara
8. Gangiredlavaru
9. Jangam (whose traditional occupation is begging)
10. Jogi
11. Katipapala
12. "[Korcha]
13. Lambada or Banjara in Telangana area (deleted and included in ST list vide. G.O.Ms.No.149, SW, Dt.03.05.1978)
14. Medari or Mahendra
15. Mondivaru, Mondibanda, Banda
16. Nayi-Brahmin/Nayee-Brahmin (Mangali), Mangala and Bhajantri
17. Nakkala (deleted vide. G.O.Ms.No.21, BCW (C2) Dept., Dt.20.06.2011, since it is included in the list of Scheduled Tribes at Sl.No.34 vide. Scheduled Castes and Scheduled Tribes Order (Amendment) Act, 2002 (Central Act No.10 of 2003)
18 Vamsha Raj / Pitchigunta
19 Pamula
20 Pardhi (Nirshikari)
21 Pambala
22 Peddammavandlu, Devaravandlu, Yellamavandlu, Mutyammavandlu, Dammali / Dammala / Dammula / Damala
23 Veeramushti (Nettikotala), Veerabhadreeya
24 Valmiki Boya (Boya, Bedar, Kirataka, Nishadi, Yellapi, Pedda Boya), Talayari, Chunduvallu (Yellapi and Yellapu are one and the same as clarified vide. G.O.Ms.No.61, BCW (M1) Dept., Dt.05.12.1996)
25 Yerukalas in Telangana area (deleted and included at Sl.No.31 in the list of STs)
26 Gudala
27 Kanjara – Bhatta
28 *[Kalinga]
29 Kepmare or Reddika
30 Mondepatta
31 Nakkar
32 Pariki Muggula
33 Yata
34 Chopemari
35 Kaikadi
36 Joshinandiwalas
37 Odde (Oddilu, Vaddi, Vaddelu), Vaddera, Vaddabhovi, Vadiyaraj, Waddera
38 Mandula
39 Mehtar (Muslim)
40 Kunapuli
41 Patra
42 *[Kurakula]
43 *[Pondara]
44 *[Samanthula /Samantha/ Sountia / Sauntia]
45 Pala-Ekari, Eklia, Vyakula, Ekiri, Nayanivaru, Palegaru, Tolagari, Kavali (area confined to Hyderabad and Rangareddy Districts only)
46 Rajannala, Rajannalu (area confined to Karimnagar, Warangal, Nizamabad and Adilabad Districts only)
47 Bukka Ayyavars
48 Gotrala
49 Kasikapadi / Kasikapudi (area confined to Hyderabad, Rangareddy, Nizamabad, Mahaboobnagar and Adilabad Districts only)
50 Siddula
51 Sikligar/ Saikalgar
52 Poosala (included vide. G.O.Ms.No.16, BCW(C2) Dept., Dt.19.02.2009 by deleting from Sl.No.24 under Group-D)
53 *[Aasadula / Asadula]
54 *[Keuta / Kevuto / Keviti]
55 Orphan and Destitute Children who have lost their parents before reaching the age of ten and are destitute; and who have nobody else to take care of them either by law or custom; and also who are admitted into any of the schools or orphanages run by the Government or recognised by the Government.

GROUP-B
(Vocational Groups)
1 *[Achukatlavandlu]
2 Aryakshatriya, Chittari, Giniyar, Chitrakara, Nakhas
3 Devanga
4 Goud [Ediga, Gouda (Gamalla), Kalalee, Gounda, [*Settibaila of Visakhapatnam, East Godavari, West Godavari and Krishna districts*] and Srisayana (Segidi)]
5 Dudekula, Laddaf, Pinjari or Noorbash
6 Gandla, Telikula, Devathilakula
7 Jandra
8 Kummara or Kulala, Salivahana
9 Kankalabahkthulu, Kaikolan or Kaikala (Sengundam or Sengunther)
10 Karnabahkthulu
11 Kuruba or Kuruma
12 *[Nagavaddilu]
13 Neelakanthi
14 Patkar (Khatri)
15 Perika (Perika Balija, Puragiri kshatriya)
16 Nessi or Kurni
17 Padmasali (Sali, Salivan, Pattusali, Senapathulu, Thogota Sali)
18 Srisayana (Segidi) (deleted vide. G.O.Ms.No.63, BCW (M1) Dept., Dt.11.12.1996 and added to Sl.No.4 of Group-B)
19 Swakulasali
20 Thogata, Thogati or Thogataveerakshatriya
21 Viswabrahmin (Ausula, Kamsali, Kamnari, Kanchari, Vadla or Vadra or Vadrangi and Silpis), Viswakarma
22 *[Kunchiti / Vakkaliga / Vakkaligara / Kunchitiga]
23 Lodhi/ Lodh/ Lodha (area confined to Hyderabad, Rangareddy, Khammam and Adilabad Districts only)
24 Bondili
25 Are Marathi, Maratha (Non-Brahmins), Arakalies and Surabhi Natakalavallu
26 Neeli (included vide. G.O.Ms.No. 43, BCW (C2) Dept., Dt.07.08.2008 by deleting from Group D at Sl.No.22)
27 Budubunjala / Bhunjwa / Bhadbhunja (area confined to Hyderabad and Rangareddy Districts only)
28 *[Gudia / Gudiya]

GROUP-C
(Harijan Converts)
1 Scheduled Castes converts to Christianity and their progeny

GROUP-D
(Other Classes)
1 *[Agaru]
2 Arekatika, Katika, Are-Suryavamshi
3 *[Atagara]
4 Bhatraju
5 Chippolu (Mera)
6 *[Gavara]
7 *[Godaba]
8 Hatkar
9 *[Jakkala]
10 Jingar
11 *[Kandra]
12 Koshiti
13 Kachi
14 Surya Baliya (Kalavanthula), Ganika
15 Krishnabaliya (Dasari, Bukka)
16 *[Koppulavelamas]
17 Mathura
18 Mali (Bare, Barai, Marar and Tamboli)
19 Mudiraj, Mutrasi, Tenugollu
20 Munnurukapu
21 *[Nagavasam (Nagavamsa)]
22 Nelli (deleted vide. G.O.Ms.No.43, BCW(C2) Dept., Dt.07.08.2008 and added at Sl.No.26 in Group B)
23 *[Polinati Velamas of Srikakulam and Visakhapatnam districts]
24 Poosala caste (deleted vide. G.O.Ms.No.16, BCW(C2) Dept., Dt.19.02.2009 and included at S.No.52 under Group-A)
25 Passi
26 Rangarez or Bhavasara Kshatriya
27 Sadhuchetty
28 Satani (Chattadasrivaishnava)
29 Tammali (Non-Brahmins) (Shudra caste) whose traditional occupation is playing musical instruments, vending of flowers and giving assistance in temple service but not Shivarchakars
30 *[Turupukapus or Gajulakapus]
31 Uppara or Sagara
32 Vanjara (Vanjari)
33 Yadava (Golla)
34 Are, Arevallu and Arollu
35 *[Sadara / Sadaru]
36 *[Arava]
37 Ayyarakka (area confined to Khammam and Warangal Districts only)
38 Nagaralu (area confined to Hyderabad and Rangareddy Districts only)
39 Aghamudian, Aghamudiar, Aagumudivelalar and Aagamudimudalar (including Thuluva Vellalas) (area confined to Hyderabad and Rangareddy Districts only)
40 *[Beri Vysya / Beri Chetty]
41 *[Atirasas]
42 Sondi / Sundi
<table>
<thead>
<tr>
<th>Community Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Achchukattalavandlu, Singali, Singamvallu, Achchupanivallu, Achchukattuvaru, Achukatlavandlu</td>
</tr>
<tr>
<td>Attar Saibulu, Attarollu</td>
</tr>
<tr>
<td>Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tsakalas, Sakalas or Chakaas, Muslim Rajakas</td>
</tr>
<tr>
<td>Faqir, Fhakir Budbudki, Ghanti Fhakir, Ghanta Fhakirlu, Turaka Budbudki, Darvesh, Fakeer</td>
</tr>
<tr>
<td>Garadi Muslim, Garadi Saibulu, Pamulavallu, Kani-Kattuvalu, Garadollu, Garadiga</td>
</tr>
<tr>
<td>Gosangi Muslim, Phakeer Sayebulu</td>
</tr>
<tr>
<td>Guddi Eluguvallu, Elugu Bantuvalu, Musalman Keelu Gurralavallu</td>
</tr>
<tr>
<td>Hajam, Nai, Nai Muslim, Navid</td>
</tr>
<tr>
<td>Labbi, Labbai, Labbon, Labba</td>
</tr>
<tr>
<td>Pakeerla, Borewale, Deera Phakirlu, Bonthala</td>
</tr>
<tr>
<td>Qureshi, Kureshi/ Khureshi, Khasab, Marati Khasab, Muslim Katika, Khatik Muslim</td>
</tr>
<tr>
<td>Shaik/ Sheikh</td>
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<tr>
<td>Siddi, Yaba, Habshi, Jasi</td>
</tr>
<tr>
<td>Turaka Kash, Kakukkote Zinka Saibulu, Chakkitakanevale, Terugadu Gontalavaru, Thirugatigantla, Rollaku Kakku Kottevaru, Pattar Phodulu, Chakketakare, Thruraka Kash</td>
</tr>
</tbody>
</table>

N.B.: 1. The above list is for information and subject to confirmation with reference to G.O.Ms.No. 58, SW(J) Department, dated 12.05.1997 and time to time orders.

2. On account of any reason whatsoever in case of any doubt/ dispute arising in the matter of community status (SC/ST/BC/OC) of any candidate, subject to satisfaction with regard to relevant rules and regulations in force the decision of the Commission shall be final in all such cases.