

**TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD**

**NOTIFICATION NO. 04/2016**

**AGRICULTURE EXTENSION OFFICER GRADE-II IN DEPARTMENT OF AGRICULTURAL  
SUBORDINATE SERVICE**

**(GENERAL RECRUITMENT)**

**PARA – I:**

1) Applications are invited Online from qualified candidates through the proforma Application to be made available on Commission's WEBSITE ([www.tspsc.gov.in](http://www.tspsc.gov.in)) to the post of **Agriculture Extension Officer Grade-II in Department of Agricultural Subordinate Service in the State of Telangana.**

- i. **Submission of ONLINE applications from Dt. 04/05/2016**
- ii. **Last date for submission of ONLINE applications Dt. 19/05/2016**
- iii. **Hall Tickets can be downloaded 07 days before commencement of Examination.**

2) The Examination is likely to be held on **Dt. 04/06/2016.** The Commission reserves the right to conduct the Examination either **COMPUTER BASED RECRUITMENT TEST (CBRT)** or **OFFLINE OMR based Examination of objective type.**

Before applying for the posts, candidates shall register themselves as per the One Time Registration (OTR) through the Official Website of TSPSC. Those who have registered in OTR already, shall apply by login to their profile using their TSPSC ID and Date of Birth as provided in OTR.

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:-

| <b>Post Code</b> | <b>Name of the Post</b>                | <b>No. of Vacancies</b> | <b>Age as on 01/07/2016<br/>Min. Max.</b> | <b>Scale of Pay<br/>Rs.</b> |
|------------------|--|-------------------------|---|-----------------------------|
| 1                | Agriculture Extension Officer Grade-II | 1000                    | 18-44*                                    | 22,460 -<br>66,330/-        |

(The **Details of Vacancies** department wise i.e., Community, District Wise 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 as detailed below or equivalent thereto, as specified in the relevant Service Rules, indented by the departments as on the Date of Notification.

| <b>Post Code</b> | <b>Name of the Post</b>                | <b>Educational Qualifications</b>   |
|------------------|--|---|
| 1                | Agriculture Extension Officer Grade-II | <p>1) Must have passed a Degree in Bachelor of Science in Agriculture (4 and 3 years course)<br/>OR</p> <p>2) Diploma in Agricultural Engineering.<br/>OR</p> <p>3) Diploma in Agriculture Polytechnic or Diploma in Agriculture Polytechnic (Seed Technology), (Plant Protection) and (Organic Farming).</p> <p>Note:- (1) The vacancies notified shall be filled with the candidates who possess the above qualifications in the ratio of 4:1:5 respectively out of every 10 vacancies.<br/>(2) If the candidates with the said qualifications in the ratio prescribed are not available among the applicants, such vacancies may be filled with the applicants available with other qualifications in the rotation as per merit.</p> |

**5)AGE:** Minimum 18 years & Maximum 44\* years. The age is reckoned as on 01/07/2016 (Rule- 12(1)(a)(v) of State and Subordinate Service Rules).

\*As per G.O. Ms. No. 329 GA(Ser.A) Dept., Dt. 27/07/2015 the upper age limit is raised up to 10 years i.e., from 34 years to 44 years.

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

N.B.: No person shall be eligible if he/she has crossed 58 years of age (Superannuation age).

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

| Sl. No. | Category of candidates   | Relaxation of age permissible                      |
|---------|--|--|
| 1       | 2  | 3  |
| 1.      | Retrenched temporary employees in the State Census Department with a minimum service of 6 months.              | 3 Years  |
| 2.      | Telangana State Government Employees (Employees of TSRTC, Corporations, Municipalities etc. are not eligible). | 5 Years based on the length of regular service.    |
| 3.      | N.C.C.(who have worked as Instructor in N.C.C.)  | 3 Years & length of service rendered in the N.C.C. |
| 4.      | SC/ST and BCs  | 5 Years  |
| 5.      | Physically Handicapped persons   | 10 Years   |

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

a) SC, ST, BC & PH.

b) Unemployed applicants in the age group of 18 to 44 years (They have to submit declaration at an appropriate time to the Commission that they are unemployed).

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-I(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:**

- The Examination will be held at the following Centres:  
1- HYDERABAD (including HMDA Jurisdiction )      2- KARIMNAGAR
- 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:**

- The Applicants have to read the **User Guide** for Online Submission of Applications and then proceed further.

I Step: The Candidate has to visit the WEBSITE **http://www.tspsc.gov.in** and fill the OTR application if not registered earlier to obtain TSPSC ID. While filling the same, 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 STEP: The candidates have to visit the website **http://www.tspsc.gov.in** to submit Application and Click on the Link with Notification Number and Name, provide TSPSC ID and Date of Birth to proceed further.

Candidate has to verify the details as obtained from OTR database and displayed on the screen. If any details are to be changed, candidate should go back to the TSPSC website and use the Edit OTR link. In addition to the details obtained from OTR database, Notification specific details such as Examination Centre opted, required qualification, university details, eligibility and accepting declarations etc. are to be filled

by the candidate. Preview and Edit facility is available to make changes and submit for proceeding to Next step of making online payment of fee.

III STEP:-Immediately on entering the above details, the applicant will get payment gateway of SBI ePay.

IV STEP:-The applicant should pay the prescribed fee as specified through any of the four modes of payment online. Separate instructions have to be followed for each mode of payment.

V STEP:-After payment of fee, the PDF Application will be generated which contains the particulars furnished by the candidates. The ID No in the PDF Application form has to be quoted for future reference/correspondence.

i) Candidate shall note that, the details available with OTR database at the time of submitting the application will be considered for the purpose of this notification. If, any changes are made by the candidate to OTR database at a later date will not be considered for the purpose of this Notification.

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

iii) The applicants should be willing to serve anywhere in Telangana State.

iv) For any Technical problems related to Online submission and downloading of Hall-Tickets please contact 040-23120301 or 040-23120302(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](mailto: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 alongwith Finance Clearance vide G.O. Ms. No. 2 Finance (HRM.I) Department, Dt. 05/01/2016

The following certificates must be kept ready by the candidates for the purpose of verification.

- i). Proof of Educational Qualifications.
- ii). Date of Birth Certificate
- iii). School Study Certificate

- iv). Declaration by the Unemployed
- v). No Objection Certificate from Employer (if anywhere employed)

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

- vi). Community Certificate.
- vii). Non-Creamy Layer Certificate as per Form- VIIB / Creamy Layer Certificate as per Form-VIIC.
- viii). Certificate of Residence / Nativity

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

- ix). 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.
2. **Recruitments:-** The Recruitment will be processed as per this Notification and also as per the Rules and Instructions issued by the Government and also as decided by the Commission from time to time in terms of respective Special Rules/Adhoc Rules governing the Recruitment and G.O. Ms. No. 167 Agriculture & Cooperation (Agri.IV) Dept., Dt. 17/04/1997 read with G.O. Ms. No. 311 Agriculture & Cooperation (Agri.IV) Dept., Dt. 25/07/2005, G.O. Ms. No. 25 Agriculture & Cooperation (Agri.IV) Dept., Dt. 29/01/2009 G.O. Ms. No. 202 Agriculture & Cooperation (Agri.IV) Dept., Dt. 07/08/2009 and G.O. Ms. No. 15 Agriculture and Cooperation (Agri.II) Department, Dt. 19/02/2016 and as per Government orders issued from time to time, and other related G.Os, Rules etc., applicable in this regard.
3. **Rules:** All are informed that the various conditions and criterion prescribed herein are governed by the General Rules of existing State and Subordinate Service Rules, read with the relevant Special Rules applicable to any particular service in the departments. Any guidelines or clarification is based on the said Rules, and, in case of any necessity, any matter will be processed as per the relevant General and Special Rules in force.
4. **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 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.
5. **District / Local:-** The 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 .
6. **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.
7. **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 in respect of this Notification.
8. **Caste & Community:** Community Certificate issued by the competent authority (obtained from Government of Telangana State) in terms of G.O.Ms No. 58, SW (J) Dept., dt: 12/5/97 read with G.O. Ms. No. 5 Scheduled Castes Development (POA.A2) Dept., Dt. 08/08/2014, G.O. Ms. No. 11 Scheduled Castes Development (POA.A2) Dept., Dt. 17/09/2014 and G.O. Ms. No. 2 Scheduled Castes Development (POA.A2) 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-D& BC-E) from Competent Authority i.e., from Tahsildars in the State of

Telangana not below the rank of Deputy Tahsildar (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.

9. **Reservation:-** (i) The Reservation and eligibility in terms of General Rule 22 & 22 (A) of State and Subordinate Service Rules are applicable.
- (ii) Reservation to Disabled persons is subject to their eligibility to any of the above category of posts and shall be subject to Special Rules/Adhoc 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.
- (iii) The Reservation to Women will apply as per General Rules / Special rules.
- (iv) 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.
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 areas 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 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 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 following are the Present Districts in the Telangana State:**

Adilabad(ADB), Karimnagar(KRMN), Warangal (WGL), Khammam. (KMM), Rangareddy(RRD), Nizamabad(NZB), Mahabubnagar(MBNR), Medak (MDK), Nalgonda(NLG) and Hyderabad(HYD)

- (B) Candidates are advised to refer provisions of the PRESIDENTIAL ORDER 1975 in this regard. Recruitment of candidates to a single Local Cadre is to be made as per SPF Rules. The post is of District Cadre and vacancies are available in the following Districts.

| Sl. No. | Districts   | Sl.No. | Districts    |
|---------|-------------|--------|--------------|
| 1       | Adilabad    | 6      | Nizamabad    |
| 2       | Karimnagar  | 7      | Mahabubnagar |
| 3       | Warangal    | 8      | Medak        |
| 4       | Khammam     | 9      | Nalgonda     |
| 5       | Ranga Reddy |        |              |

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

**PARA-VIII: PROCEDURE OF SELECTION:**

THE SELECTION OF CANDIDATES FOR APPOINTMENT TO THE POSTS WILL BE MADE BY EXAMINATION (OBJECTIVE TYPE) BY ONLINE / OMR BASED.

THE FINAL SELECTION OF THESE POSTS WILL BE BASED ON MARKS SECURED IN THE EXAMINATION EITHER ONLINE OR OMR BASED.

1. 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 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 him / her, then his / her candidature will be rejected/dissatisfied 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.
- b) The Penal Provisions of Act 25/97 published in the State Gazette No. 35, Part-IV.B Extraordinary dated: 21/08/1997 shall be invoked if malpractice and unfair means are noticed at any stage of the 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/ herself 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.

**PARA-X:-** 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) ***Instruction to the Candidates***
- v) ***List of Communities***

**PARA-XI: COMMISSION'S DECISION TO BE FINAL:**

The decision of the Commission in all aspects and 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: 30/04/2016**

**Sd/-**  
**SECRETARY**

**ANNEXURE – I**  
**(GENERAL RECRUITMENT)**  
**BREAK UP OF VACANCY POSITION FOR THE POST OF AGRICUTE EXTENSION OFFICER**  
**GRADE-II**

**BSC (AGRICULTURE)**

| DISTRICT           | OC         |           | BC-A      |          | BC-B      |           | BC-C     |          | BC-D      |          | BC-E      |          | SC        |           | ST        |           | PH           |          | TOTAL      |            | GRAND TOTAL |
|--------------------|------------|-----------|-----------|----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|-----------|--------------|----------|------------|------------|-------------|
|                    | G          | W         | G         | W        | G         | W         | G        | W        | G         | W        | G         | W        | G         | W         | G         | W         | G            | W        | G          | W          |             |
| ADILABAD           | 17         | 10        | 2         | 1        | 4         | 3         | -        | -        | 3         | 1        | 2         | -        | 6         | 3         | 2         | 2         | 1 OH         | -        | 38         | 20         | 58          |
| KARIMNAGAR         | 8          | 4         | 1         | 1        | 1         | 2         | 1        | -        | 0         | 1        | -         | 1        | 2         | 2         | -         | 1         | 1 VH         | -        | 14         | 12         | 26          |
| WARANGAL           | 18         | 10        | 3         | 1        | 4         | 3         | -        | -        | 3         | 1        | 2         | -        | 6         | 3         | 2         | 2         | 1 OH<br>1 VH | -        | 40         | 20         | 60          |
| KHAMMAM            | 7          | 4         | 2         | -        | 2         | 1         | -        | -        | 1         | 1        | 1         | -        | 3         | 1         | 2         | 1         | -            | -        | 18         | 8          | 26          |
| RANGAREDDY         | -          | -         | -         | 1        | -         | -         | -        | -        | -         | -        | 1         | -        | -         | -         | -         | -         | -            | -        | 1          | 1          | 2           |
| NIZAMABAD          | 15         | 7         | 3         | 1        | 3         | 2         | -        | -        | 3         | 1        | 2         | -        | 5         | 2         | 1         | 1         | 1 OH         | -        | 33         | 14         | 47          |
| MAHABUBNAGAR       | 26         | 13        | 4         | 2        | 5         | 4         | 1        | -        | 5         | 2        | 3         | 1        | 8         | 5         | 4         | 1         | 1 VH         | 1 HH     | 57         | 29         | 86          |
| MEDAK              | 15         | 8         | 2         | 1        | 3         | 1         | -        | -        | 2         | 1        | 1         | -        | 4         | 3         | 2         | 1         | 1 HH<br>1 OH | -        | 31         | 15         | 46          |
| NALGONDA           | 14         | 8         | 2         | 1        | 3         | 3         | -        | -        | 3         | 1        | 2         | -        | 5         | 3         | 2         | 1         | 1 VH         | -        | 32         | 17         | 49          |
| <b>GRAND TOTAL</b> | <b>120</b> | <b>64</b> | <b>19</b> | <b>9</b> | <b>25</b> | <b>19</b> | <b>2</b> | <b>0</b> | <b>20</b> | <b>9</b> | <b>14</b> | <b>2</b> | <b>39</b> | <b>22</b> | <b>15</b> | <b>10</b> | <b>10</b>    | <b>1</b> | <b>264</b> | <b>136</b> | <b>400</b>  |

**DIPLOMA IN AGRICULTURAL ENGINEERING**

| DISTRICT           | OC        |           | BC-A     |   | BC-B     |          | BC-C     |          | BC-D     |          | BC-E     |          | SC        |          | ST       |          | PH       |          | TOTAL     |           | GRAND TOTAL |
|--------------------|-----------|-----------|----------|---|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|-----------|-----------|-------------|
|                    | G         | W         | G        | W | G        | W        | G        | W        | G        | W        | G        | W        | G         | W        | G        | W        | G        | W        | G         | W         |             |
| ADILABAD           | 4         | 2         | 1        | - | 1        | -        | 1        | -        | -        | 1        | -        | 1        | 1         | 1        | 1        | -        | -        | -        | 9         | 5         | 14          |
| KARIMNAGAR         | 2         | 1         | 1        | - | -        | -        | -        | -        | -        | -        | -        | -        | 1         | -        | 1        | -        | 1 HH     | -        | 6         | 1         | 7           |
| WARANGAL           | 4         | 2         | 1        | - | 1        | -        | 1        | -        | -        | 1        | -        | 1        | 2         | 1        | 1        | -        | -        | -        | 10        | 5         | 15          |
| KHAMMAM            | 1         | 1         | 1        | - | -        | -        | -        | -        | -        | 1        | -        | 1        | 1         | -        | -        | -        | -        | -        | 3         | 3         | 6           |
| RANGAREDDY         | -         | 1         | -        | - | -        | -        | -        | -        | -        | -        | -        | -        | -         | -        | -        | -        | -        | -        | -         | 1         | 1           |
| NIZAMABAD          | 4         | 2         | 1        | - | -        | 1        | 1        | -        | -        | 1        | -        | 1        | 1         | -        | -        | -        | -        | -        | 7         | 5         | 12          |
| MAHABUBNAGAR       | 5         | 4         | 2        | - | 2        | -        | -        | -        | -        | 1        | -        | 1        | 2         | 1        | 2        | -        | 1 HH     | -        | 14        | 7         | 21          |
| MEDAK              | 4         | 2         | -        | - | -        | 1        | -        | -        | 1        | -        | -        | -        | 2         | -        | -        | 1        | -        | 1 VH     | 7         | 5         | 12          |
| NALGONDA           | 3         | 2         | 1        | - | 1        | -        | -        | -        | -        | 1        | -        | 1        | 1         | 1        | 1        | -        | -        | -        | 7         | 5         | 12          |
| <b>GRAND TOTAL</b> | <b>27</b> | <b>17</b> | <b>8</b> |   | <b>5</b> | <b>2</b> | <b>3</b> | <b>0</b> | <b>1</b> | <b>6</b> | <b>0</b> | <b>6</b> | <b>11</b> | <b>4</b> | <b>6</b> | <b>1</b> | <b>2</b> | <b>1</b> | <b>63</b> | <b>37</b> | <b>100</b>  |



**DIPLOMA IN AGRICULTURE POLYTECHNIC**

| DISTRICT           | OC         |           | BC-A      |          | BC-B      |           | BC-C     |          | BC-D      |          | BC-E      |          | SC        |           | ST        |          | PH       |          | TOTAL      |            | GRAND TOTAL |
|--------------------|------------|-----------|-----------|----------|-----------|-----------|----------|----------|-----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|----------|------------|------------|-------------|
|                    | G          | W         | G         | W        | G         | W         | G        | W        | G         | W        | G         | W        | G         | W         | G         | W        | G        | W        | G          | W          |             |
| ADILABAD           | 22         | 12        | 4         | 1        | 5         | 3         | 1        | -        | 4         | 1        | 2         | 1        | 7         | 3         | 4         | 1        | 1        | 1        | 50         | 23         | 73          |
| KARIMNAGAR         | 11         | 5         | 2         | 1        | 1         | 1         | -        | -        | 2         | -        | 1         | -        | 3         | 1         | 2         | -        | 10       | 1        | 23         | 9          | 32          |
| WARANGAL           | 22         | 12        | 4         | 1        | 5         | 3         | 1        | -        | 3         | 2        | 2         | 1        | 7         | 4         | 4         | 1        | 1        | 1        | 49         | 25         | 74          |
| KHAMMAM            | 9          | 6         | 2         | -        | 3         | 2         | -        | -        | 2         | -        | 1         | -        | 4         | 2         | 2         | -        | -        | -        | 23         | 10         | 33          |
| RANGAREDDY         | -          | 1         | -         | -        | -         | -         | -        | -        | -         | -        | -         | -        | -         | -         | -         | 1        | -        | -        | -          | 2          | 2           |
| NIZAMABAD          | 18         | 9         | 3         | 1        | 4         | 3         | -        | -        | 4         | 1        | 3         | -        | 6         | 3         | 2         | 1        | 1        | -        | 41         | 18         | 59          |
| MAHABUBNAGAR       | 34         | 17        | 5         | 2        | 7         | 4         | 1        | -        | 5         | 2        | 3         | 1        | 10        | 6         | 5         | 2        | 1        | 1        | 72         | 35         | 107         |
| MEDAK              | 19         | 9         | 4         | 1        | 3         | 2         | -        | -        | 3         | 1        | 2         | -        | 6         | 2         | 3         | 1        | 1        | -        | 42         | 16         | 58          |
| NALGONDA           | 20         | 10        | 3         | 1        | 4         | 3         | 1        | -        | 3         | 1        | 1         | 1        | 5         | 3         | 3         | 1        | 1        | 1        | 41         | 21         | 62          |
| <b>GRAND TOTAL</b> | <b>155</b> | <b>81</b> | <b>27</b> | <b>8</b> | <b>32</b> | <b>21</b> | <b>4</b> | <b>-</b> | <b>26</b> | <b>8</b> | <b>15</b> | <b>4</b> | <b>48</b> | <b>24</b> | <b>25</b> | <b>8</b> | <b>9</b> | <b>5</b> | <b>341</b> | <b>159</b> | <b>500</b>  |

**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.**

|                                  |                              |                         |                              |
|----------------------------------|------------------------------|-------------------------|------------------------------|
| <b>STATE BANKGROUP</b>           | 5.Oriental Bank of Commerce  | 17.Lakshmi Vilas Bank   | 6.Punjab National Bank       |
| 1.State Bank of India            | 6.United Bank of India       | 18.Punjab & Sind Bank   | 7.Union Bank of India        |
| 2.State Bank of Bikaner & Jaipur | 7.Vijaya Bank                | 19.IDBI Bank            | <b>LIST – C</b>              |
| 3.State Bank of Hyderabad        | 8.City Union Bank            | 20.Indusind Bank        | 1.HDFC Bank                  |
| 4.State Bank of Mysore           | 9. Catholic Syrian Bank      | 21.Syndicate Bank       | 2.ICICI Bank                 |
| 5.State Bank of Patiala          | 10.Federal Bank              | <b>LIST – B</b>         | 3.Bank of Bahrain and Kuwait |
| 6. State Bank of Travancore      | 11. ING Vysya Bank           | 1.Canara Bank           | 4.Citi Bank                  |
| <b>LIST - A</b>                  | 12.Jammu & Kashmir Bank      | 2.Central Bank of India | 5.Indian Overseas Bank       |
| 1.Bank of Maharashtra            | 13. KarurVysya Bank          | 3.Deutsche Bank         | 6.Karnataka Bank             |
| 2.Corporation Bank               | 14.South Indian Bank         | 4.Dhanalaxmi Bank       | 7.Ratnakar Bank              |
| 3.Dena Bank                      | 15.Tamilnadu Mercantile Bank | 5.Kotak Bank            |                              |
| 4.Indian Bank                    | 16.DCB Bank                  |                         |                              |

| <b>CHANNEL</b>                                 | <b>AMOUNT RS.</b> | <b>PRICING IN RS.</b>                     |
|--|-------------------|---|
| Internet Banking                               |                   |   |
| State Bank Group (6 Banks)                     | All amounts       | Rs.3/-per transaction +Taxes              |
| All other Banks                                | List-A (21 Banks) | Rs.5/-per transaction +Taxes              |
|  | List-B (7 Banks)  | Rs.8/-per transaction +Taxes              |
|  | List-C (7 Banks)  | Rs.12/-per transaction +Taxes             |
| <b>Debit Card</b>                              |                   |   |
| All Banks<br>( Master/Mastreo/Visa/Rupay )     | Up to 2000/-      | 0.75 % of the transaction amount + Taxes  |
|  | 2001/- & above    | 1.00% of the transaction +Taxes           |
| <b>Credit card</b><br>(Master/Visa/AMEX/Rupay) | All amounts       | 1.00% of transaction amount + Taxes       |
| IMPS – Mobile payments                         | All Amounts       | Rs. 7/- of the transaction Amount + Taxes |

**ANNEXURE-III****SCHEME AND SYLLABUS FOR RECRUITMENT TO THE POSTS OF AGRICULTURE  
EXTENSION OFFICER GRADE-II IN DEPARTMENT OF AGRICULTURAL SUBORDINATE  
SERVICE****SCHEME OF EXAMINATION**

| <b>WRITTEN EXAMINATION (OBJECTIVE TYPE)</b>  | <b>No.of Questions</b> | <b>Duration (Minutes)</b> | <b>Maximum Marks</b> |
|--|------------------------|---------------------------|----------------------|
| <b>PAPER-I: GENERAL STUDIES AND GENERAL ABILITIES</b>  | 150                    | 150                       | 150                  |
| <b>PAPER-II: AGRICULTURE (DIPLOMA LEVEL)</b><br>(English & Telugu version)<br><b>OR</b><br><b>AGRICULTURAL ENGINEERING (DIPLOMA LEVEL)</b> | 150                    | 150                       | 150                  |
| <b>Total</b>   |                        |                           | <b>300</b>           |

**Syllabus****PAPER-I: GENERAL STUDIES AND GENERAL ABILITIES**

1. Current Affairs – Regional, National and International
2. International Relations and Events.
3. General Science; India's achievements in Science and Technology
4. Environmental issues and Disaster Management
5. Economy of India and Telangana
6. Geography of India with a focus on Telangana
7. Indian Constitution and Polity with a focus on local self Government
8. Society, Culture, Heritage, Arts and Literature of Telangana
9. Policies of Telangana State
10. History of Modern India with a focus on Indian National Movement
11. History of Telangana with special emphasis on Movement for Telangana Statehood
12. Logical Reasoning, Analytical Ability and Data Interpretation
13. Basic English (8<sup>th</sup> Class Standard)

**PAPER-II: AGRICULTURE (DIPLOMA LEVEL)****1. Agronomy**

Agriculture terminology; National and International institutions; Research stations in state universities- Agro climatic zones of Telangana state - characterization, Research priorities. Agroclimatic zones of Telangana State; weather, agricultural meteorology, study of weather parameters - Sunlight, Temperature, Pressure, Transpiration, snowfall, Rainfall- types; rainfall measuring instruments; effect of rainfall on crops; Tillage – effect on soil properties – Factors affecting good tilth; puddling, Sowing methods; Crop stand establishment; Plant geometry – Effect of Plant population on growth & yield; Soil fertility and soil productivity ; Soil fertility management ; cultivation methods, Nutrient requirement, Organic & Chemical fertilizers- uses; Weeds – losses due to weeds ; important aspects of weed control, use of herbicides in major agricultural crops, Integrated weed management; Irrigation water management, crop water requirement, methods of irrigation, Modern methods of water management – advantages and disadvantages; Drainage; Harvest maturity symptoms; harvest and post Harvest measures; Rainfed agriculture- improved agronomic practices. Water harvesting, contingency crop plan; Watershed; Cropping systems; crop rotation; Integrated farming systems;; Sustainable agriculture; Organic farming- certification

## 2. **Crop production and improved management practices**

Food grain crops; commercial crops, Pulses and Oil seed crops, Fodder crops, Spices and condiments in Telangana and in India – Importance, acreage, production, productivity, improved varieties and hybrids developed, suitable soils, climatic conditions, seed rate, seed dormancy, seed treatment, spacing, inter cultivation, seed rate, weed control, water management, integrated nutrient management, improved management practices, harvesting, and post harvest measures.

## 3. **Soil Science**

Soil chemical and physical properties; Carbon : Nitrogen ratio and its importance, soil pH, soil organic matter; importance of microorganisms, soil ionic exchange, problematic soils, different types of soils in Telangana state; important nutrients requirement of crop plants; essentiality - forms of nutrient availability, nutrient deficiencies, corrective measures; causes for loss of soil fertility - management; soil - environmental pollution - control, classification of organic and chemical fertilizers, composting, vermicompost; biogas plant, green manures, green manure crops, concentrated organic manures; mixed fertilizers- fertilizer use efficiency, bio fertilizers, integrated nutrient management, soil testing methods; global warming - causes, secondary nutrients; complex fertilisers; chelated micronutrients; fertilizer control act.

## 4. **Plant Breeding, Seed Technology, Seed testing**

Parts of flower, methods of reproductions in plants, male sterility, vegetative propagation. Plant breeding - selection, hybridization, mutation breeding, polyploidy breeding; methods of breeding for varietal and hybrid development, varietal description, DNA test; importance of seed; seed characters, classes of seed, principles of seed production, management practices in seed production, isolation distance; difference between varietal and hybrid seed production; tips in seed production of different crops, seed certification, seed processing; cleaning and grading equipment; seed treatment; seed testing, seed viability, seed vigour, seed dormancy, seed health, seed packing, seed varietal protection, seed pellets, biotechnology in seed development, Intellectual Property Rights, crop varietal release- trials, release procedure and release. Seed production of field and vegetable crops, seed regulations in India, historical development, national and international institutions in seed quality control, seed acts and regulations; seed production in fruits and flower crops; seed sampling, physical purity tests, seed moisture tests, genetic purity tests; seed processing - importance and methods; seed storage.

## 5. **Crop pests and their management**

Introduction to Entomology, Taxonomy and Characters of class Insecta, Insect Segmentation. agriculturally important insect Orders, Insect mouthparts and types. Symptoms of Damage caused by various insects. Integrated Pest Management – Importance, Predators and Parasitoids, Botanicals, chemical insect control, Insecticides – Classification, Compatibility and Formulations; Nematicides, Rodenticides etc. Sericulture, Apiculture and Lac culture. Pests of Agricultural and Horticultural crops – Scientific names – nature of Damage and Management, Stored grain Pests – Management, Non – insect Pest Management (Rodents, Birds and Nematodes).

## 6. **Plant diseases and their control**

Introduction to Plant pathology- casual organisms, terminology - concepts, classification of diseases, etiology, disease spread, pathogens, predisposing factors of diseases, disease management methods- use of fungicides, classification of fungicides, common fungicides- mode of action; diagnosis of field diseases, important methods of diseases management, control of diseases, nematodes and plant parasites- their management; diseases of important field and horticultural crops and their management.

## 7. **Horticulture and forestry**

Vegetable Crops and their cultivation details; important fruit crops, medicinal, aromatic crops and flower crops of Telangana state- propagation, nursery management, pruning, green houses, principles of fruits and vegetable storage; value addition of fruits and vegetable products; Agro forestry – importance, national forest policies and forest acts; afforestation, management of forest nurseries, important forest plants- uses, their management; Social forestry, wind break trees, timber and non timber forest products - their characters

## 8. **Agricultural Economics**

Agriculture finance – definition, Scope and importance; Regional Rural Banks; NABARD; Self Help Groups; Lead Bank Scheme; Kisan Credit Card; Crop Insurance, preparation and uses of balance sheet, theory of production – law of variable proportions; laws of

returns, returns to scale; economies of scale; study of costs and returns; farm business organizations- aims and main objectives, farm management-aims; types of farming, farm planning –types, uses, cooperation-principles; farmers cooperative societies –types; co-operative movement in India –history; farmer cooperative societies and Agriculture cooperative societies –types and uses; agricultural credit policy-main features; different types of agricultural credit; cooperative banks, RBI, problems faced by farmers in accessing credit; agricultural marketing- types of Agriculture markets, market efficiency; problems of agricultural marketing-overcoming measures; price determination; seed industry –importance; seed price policies; market price and normal price.

**9. Agricultural Extension and Rural Development**

Education- Formal and informal education-differences; Extension education-scope and importance; Extension Teaching methods-uses and limitations; Agriculture information publications-types limitations, uses; Instructional aides; Extension programme planning stages; principles of programme planning, Evaluation – types and importance; Rural sociology-importance; characteristics of Indian Rural Society; differences between rural and urban societies; Rural development objectives and constraints, Participatory Rural Appraisal- important characters, Principles, methods. Leadership- qualities, Classification; selection and training of leader; Pre and Post Independence developmental programmes; society development guidelines; democracy and decentralization - Panchayat Raj System; importance, Three Tier system of Panchayat Raj-functions; Mandal system in Telangana – organizational characters; Extension reforms- Importance of ATMA.

**10. Agricultural Energy Sources, Machinery**

Energy resources in Agriculture; farm engines – their parts, differences; Characteristics of Fuels, Tractors-types; Tractor Management; Power Tiller- Working Mechanism, Ploughing Implements; Bund Formers, Traditional Sowing Equipment, Types of Sprayers-Dusters, Weeding Implements; Crop Harvesters, Threshers- their management; Winnowing- methods; post harvest equipments, grain drying methods; grain storage structures- types, uses; food grain storage.

**11. Land surveying, water engineering and Green House Technology**

Surveying- types, errors; methods of Irrigation water measurement; Drip and Sprinkler irrigation systems- importance; types of pumps- repairs; Green houses- importance, types, material for construction; Environmental conditions in green houses- their control; shade nets- their uses.

**PAPER-II: AGRICULTURE**

(డిప్లొమా విద్యార్థుల స్థాయి)

**1. సేద్య విజ్ఞాన శాస్త్ర విభాగము :**

వ్యవసాయ శాస్త్రంలో పదములు - జాతీయ మరియు అంతర్జాతీయ పరిశోధనా సంస్థలు - రాష్ట్రంలోని విశ్వవిద్యాలయాల పరిధిలో వున్న పరిశోధన కేంద్రాలు - పరిశోధనా ముఖ్యాంశాలు. తెలంగాణ రాష్ట్రంలోని వ్యవసాయ వాతావరణ మండలములు, వాతావరణము, వ్యవసాయ వాతావరణ శాస్త్రము, వాతావరణ మూలకాల అధ్యయనము, పంటలపై సూర్యరశ్మి ప్రభావము, పంటలపై వివిధ వాతావరణము యొక్క ప్రభావము. ఉష్ణోగ్రత, గాలి పీడనం మొదలగునవి కొలిచే పద్ధతులు, భాష్పీభవనము, పొగమంచు, వర్షపాతం, వాన రకాలు, వర్షపాతమును కొలిచే పద్ధతి మరియు పంటలపై వర్షపాత ప్రభావం, పొలం తయారీ, దమ్ము చేయుట, విత్తే పద్ధతులు, మొక్కల సాంద్రత, నాటీ విధానము, నేల సారం, నేల ఉత్పాదకత, నేల సారవంతత నిర్వహణ; సాగు పద్ధతులు, పంటకు కావలసిన పోషక పదార్థాలు, సేంద్రియ మరియు రసాయనిక ఎరువులు - ఉపయోగాలు; కలుపు మొక్కలు - వాటివలన నష్టాలు, వాటిని నివారించడంలో ముఖ్య విషయాలు; ప్రధాన పంటలలో వాడే కలుపు మందులు - సమగ్ర యాజమాన్యం. సాగునీటి యాజమాన్యం, పంటలకు కావలసిన నీటి మోతాదు, సాగునీటి పారుదల పద్ధతులు, నీటి యాజమాన్యంలో ఆధునిక పద్ధతులు - లాభనష్టములు; మురుగునీటి పారుదల; పంట కోత మరియు కోత అనంతరము తీసుకొనవలసిన జాగ్రత్తలు. మెట్ట వ్యవసాయం-మెళకువలు, వాటర్ హార్వెస్టింగ్; ప్రత్యామ్నాయ పంటల ప్రణాళిక, వాటర్షెడ్; పంటల సరళి, పంట మార్పిడి; సమగ్ర వ్యవసాయ పద్ధతులు (ఇంటిగ్రేటెడ్ ఫార్మింగ్ సిస్టమ్స్), సుస్థిర వ్యవసాయం, సేంద్రియ వ్యవసాయం - ధృవీకరణ.

**2. పంటల ప్రాముఖ్యత మరియు మేలైన యాజమాన్య పద్ధతులు :**

ఆహార ధాన్య పంట, వాణిజ్య పంటలు, పప్పుధాన్య మరియు నూనెగింజల పంటలు, పశుగ్రాస పంటలు, సుగంధ ద్రవ్య పంటలు; సాగుచేసే పంటల విస్తీర్ణం, భారత దేశము, తెలంగాణ రాష్ట్రాల్లో ఉత్పత్తి మరియు ఉత్పాదక వివరాలు, అభివృద్ధి చెందిన రకములు/ హైబ్రిడ్ రకాలు; అనుకూలమైన నేలలు, విత్తన మోతాదు, నిద్రావస్థను తొలగించడం, ఆంతర కృషి, విత్తే దూరం, కలుపు నివారణ పద్ధతులు, నీటి యాజమాన్యం, సమగ్ర పోషకాల యాజమాన్యం, సాగులో మేలైన పద్ధతులు, పంట కోత మరియు దిగుబడి, కోత అనంతరం తీసుకొనవలసిన జాగ్రత్తలు.

**3. నేల విజ్ఞానము :**

నేల రసాయనిక మరియు భౌతిక లక్షణాలు; కర్బన సత్రజని నిపుత్తి - ఆవశ్యకత; నేల ఉదజని సూచిక, నేలలోని సేంద్రియ పదార్థములు; సూక్ష్మజీవుల ప్రాధాన్యత; నేలలో అయాను మారకము; సమస్యాత్మక నేలలు, తెలంగాణ రాష్ట్రంలో వున్న వివిధ రకాల నేలలు; మొక్కలకు కావలసిన వివిధ పోషకాలు; ఆవశ్యకత - పోషకాల లభ్యరూపాలు; పోషకాల లోపాలు, నివారణ; నేల సారము తగ్గడానికి కారణాలు - యాజమాన్యం; నేల-పర్యావరణ కాలుష్యము - నివారణ; రసాయనిక మరియు సేంద్రియ ఎరువుల వర్గీకరణ; కంపోస్టింగ్; వర్మికంపోస్టు; బయోగ్యాస్ ప్లాంట్; పచ్చిరొట్ట ఎరువులు; హరిత మొక్కల ఎరువులు; సాంద్రీకృత సేంద్రియ ఎరువులు; మిశ్రమ ఎరువులు - ఎరువుల వినియోగ సామర్థ్యం, వాడకం, జీవన ఎరువులు; సమగ్ర పోషక యాజమాన్యం, భూసార పరీక్ష పద్ధతులు; భూ వాతావరణము వేడెక్కడం - కారణాలు; ద్వితీయ పోషక ఎరువులు; సంకీర్ణ ఎరువులు. చిలెటెడ్ రూపములో యున్న సూక్ష్మ పోషకాలు, ఎరువుల నిర్ధారిత చట్టం.

**4. సస్య ప్రజననము/ వృక్ష ప్రజననము - విత్తనోత్పత్తి, విత్తన పరీక్ష :**

పుష్ప భాగాలు, మొక్కలలో ప్రత్యుత్పత్తి విధానాలు: పురుష వ్యంధ్యత్వము: శాఖీయ ప్రత్యుత్పత్తి, సస్యాభివృద్ధి, వరణము, సంకరణము, ఉత్పరివర్తన ప్రజననము, బహు స్థితిక ప్రజననము; పంట రకాలు/ హైబ్రిడ్ విడుదలకు అనుసరించే పద్ధతి; రకాల వర్తన, డి.యన్.ఎ. పరీక్ష: విత్తనము ప్రాధాన్యత; విత్తన గుణగణాలు; విత్తన తరగతులు. విత్తనోత్పత్తి ముఖ్య సూత్రాలు; విత్తనోత్పత్తి యాజమాన్య పద్ధతులు; వేర్పాటు దూరం; రకాలకు/ సంకర రకాల విత్తనోత్పత్తిలో వ్యత్యాసము; వివిధ పంటలలో విత్తనోత్పత్తిలో మెళకువలు; విత్తన ధృవీకరణ, సీడ్ ప్రాసెసింగ్, క్లీనింగ్, గ్రేడింగ్ కు ఉపయోగపడే యంత్రాలు; విత్తనశుద్ధి; విత్తన పరీక్ష: విత్తన జీవశక్తి; విత్తన తేజము; విత్తన సుస్థావస్థ; విత్తన ఆరోగ్యము; విత్తన ప్యాకింగ్; విత్తన రకాల రక్షణకు తీసుకునే నిర్దేశకాలు; విత్తన అభివృద్ధిలో జీవ సాంకేతిక శాస్త్రము; మేథోసంపత్తి హక్కులు; పంట రకాల విడుదల ప్రక్రియ, విడుదల చేసే విధానము; వివిధ పంటలలో (క్షేత్ర, కూరగాయ పంటలు, పండ్ల తోటలు మరియు పూల తోటలలో) విత్తనోత్పత్తి; భారతదేశంలో విత్తన నియంత్రణ - చారిత్రక అభివృద్ధి, నాణ్యత నియంత్రణకు సంబంధించిన జాతీయ మరియు అంతర్జాతీయ సంస్థలు. విత్తన చట్టాలు మరియు నిబంధనలు; విత్తన నమూనా సేకరణ, భౌతిక స్వచ్ఛత పరీక్ష; విత్తనములో తేమశాతం; విత్తన జన్య స్వచ్ఛతా పరీక్షలు; విత్తన ప్రాసెసింగ్ ప్రాముఖ్యత, విత్తన నిలువ; ప్రాసెసింగ్ - ప్రాముఖ్యత, పద్ధతులు; విత్తన నిలువ.

**5. పంటలపై కీటకాలు - వాటి యాజమాన్యం :**

కీటక శాస్త్ర పరిచయం; ఇన్ సెక్ట్ తరగతి యొక్క లక్షణములు - వర్గీకరణ; లక్షణాలు; కీటకాల ముఖ్య భాగాలు; వ్యవసాయానికి సంబంధించిన కీటకాల భాగాలను గూర్చి తెలసుకొనుట; కీటకాల నోటి భాగాలు, రకాలు; కీటకాల వలన గాయాల రకాలు; సమగ్ర సస్యరక్షణ - ప్రాముఖ్యత; పరాన్నజీవులు - బదనికలు, పరాన్నభుక్కులు, లక్షణాలు: రసాయనాల ద్వారా కీటకాల నియంత్రణ; కీటక నాశనుల వర్గీకరణ; వివిధ కీటకాల నాశనుల ఫార్ములేషన్స్; వృక్ష సంబంధిత కీటక నాశనులు మరియు నిమిటీసైడ్స్, రొడెంటిసైడ్స్ లాంటి ఇతర కీటక నాశనులు, క్రిమి సంహారక మందుల కలయికలు; పంటలలో (పంటల మరియు ఉద్యాన పంటలు), పురుగుల యాజమాన్యం; కీటకాల శాస్త్రీయ నామము; పంటలలో నష్టం కలిగించు దశలు, నివారణలో మెలకువలు. పట్టు పురుగుల పెంపకము, తేనెటీగల పెంపకం, నిల్వ ధాన్యంను ఆశించే పురుగులు - వాటి యాజమాన్యం.

**6. పంటలపై వచ్చు తెగుళ్ళు - వాటి నివారణ :**

తెగుళ్ళు శాస్త్రం పరిచయం; వృక్ష వ్యాధిజనక జీవులు; మొక్కల వ్యాధి శాస్త్రంలో ఎక్కువగా వాడే పదాలు - భావాలు; తెగుళ్ళ వర్గీకరణ; మొక్కలలో వ్యాధి జనకాలు - జీవించే పద్ధతి; మొక్క వ్యాధి జనకాల వ్యాప్తి; తెగుళ్ళను కలుగజేసే కారకములు; తెగుళ్ళ యాజమాన్య పద్ధతులు; శిలీంధ్ర నాశనులను ఉపయోగించి తెగుళ్ళను నిరోధించుట; శిలీంధ్ర నాశనుల వర్గీకరణ; సాధారణంగా వాడే శిలీంధ్ర నాశనులు - పనిచేయు విధానం; రోగ లక్షణ శాస్త్రాన్ని అధ్యయనం చేయడం; ముఖ్యమైన తెగుళ్ళ యాజమాన్య పద్ధతులు; తెగుళ్ళ యాజమాన్యం; నులిపురుగులు మరియు మొక్క పరాన్న జీవులు - వాటిని నివారించడం: ముఖ్యమైన క్షేత్ర పంటల మరియు ఉద్యాన పంటలలో వచ్చు తెగుళ్ళు మరియు వాటి యాజమాన్య పద్ధతులు.

**7. ఉద్యాన మరియు అటవీ శాస్త్ర విభాగము :**

కూరగాయల పంటలు - వాటి సాగు వివరాలు; తెలంగాణ రాష్ట్రంలో పండించడానికి అనువైన కొన్ని పండ్ల తోటలు, ఔషధ మరియు సుగంధ తైల మొక్కలు, పూల తోటలు, పంటలలో విత్తన వ్యాప్తి, నారుమడుల యాజమాన్యం; కొమ్మ కత్తిరింపులు; హరిత గృహాలు, పండ్లు, కూరగాయల నిల్వలో అనుసరించవలసిన సూత్రాలు; ఉద్యాన పంటల ద్వారా విలువ ఆధారిత పదార్థములు తయారు చేయుట; అటవీ శాస్త్రం; ప్రాముఖ్యత; జాతీయ వన పాలసీలు మరియు అటవీ చట్టాలు; బంజరు భూములలో పెంచదగిన చెట్లు వాటి యాజమాన్యం; అటవీ నారుమడుల యాజమాన్యం; కొన్ని ముఖ్యమైన చెట్ల ఉపయోగాలు - వాటి యాజమాన్యం; సామాజిక అటవీ శాస్త్రం; గాలి నిరోధక చెట్లు; కలప మరియు కలపేతర అటవీ ఉత్పత్తులు - వాటి లక్షణములు;

#### 8. వ్యవసాయ ఆర్థిక శాస్త్ర విభాగము :

వ్యవసాయ విత్తము - నిర్వచనం; పరిధి మరియు ప్రాముఖ్యత పరపతి; రీజనల్ రూరల్ బ్యాంకులు; జాతీయ వ్యవసాయ మరియు గ్రామీణాభివృద్ధి బ్యాంకు; స్వయం సహాయక బృందాలు; లీడ్ బ్యాంక్ స్కీమ్; క్రిసాన్ క్రెడిట్ కార్డులు; పంటల బీమా; బ్యాలెన్స్ షీట్ తయారీ మరియు ఉపయోగాలు; ఉత్పత్తి సిద్ధాంతము - రకాలు; చర అనుపాత సూత్రం; ప్రతిఫల సూత్రాలు; స్థాయి ప్రతిఫలాలు; వ్యయ విశ్లేషణ - రాబడి విశ్లేషణ; సంస్థలు; ధ్యేయాలు - ముఖ్య ఉద్దేశ్యాలు; క్షేత్ర యాజమాన్యం - ధ్యేయాలు; వివిధ రకాల వ్యవసాయం, వ్యవసాయ క్షేత్ర రూపకల్పన - వివిధ రకాలు; కమతం పద్ధతులు - వాటి ఉపయోగాలు; సహకారం - ముఖ్య సూత్రాలు; రైతు సహకార సంఘాలు - రకాలు; భారతదేశంలో సహకార ఉద్దేశం - చరిత్ర; రైతు సహకార సంఘాలు మరియు వ్యవసాయ సహకార సంఘం - రకాలు, తేడాలు, ఉపయోగాలు; వ్యవసాయ పరపతి విధానం - ముఖ్య లక్షణాలు; వివిధ రకాల వ్యవసాయ ఋణాలు; సహకార బ్యాంకులు; భారతీయ రిజర్వు బ్యాంకు, సంస్థలనుంచి రైతుల ఋణాలు పొందుటలో పడుతున్న ఇబ్బందులు; వ్యవసాయ మార్కెటింగ్ - వివిధ రకాల మార్కెట్లు; మార్కెటింగ్ సామర్థ్యము; వ్యవసాయ మార్కెటింగ్లో సమస్యలు - అధిగమించడానికి సూచనలు; వ్యవసాయ వస్తు ధరల నిర్ణయం - ప్రాముఖ్యత; విత్తన పరిశ్రమ - ప్రాముఖ్యత; విత్తనాల ధరలు నిర్ణయించడం; మార్కెటు మరియు సహజ ధరలు - లక్షణాలు;

#### 9. వ్యవసాయ విస్తరణ మరియు గ్రామీణాభివృద్ధి :

విద్య : నియత విద్య మరియు అనియత విద్య - వ్యత్యాసాలు; విస్తరణ విద్య - పరిధి, ప్రాముఖ్యత; విస్తరణ బోధన పద్ధతులు - ఉపయోగాలు మరియు పరిమితులు; వ్యవసాయ సమాచార ప్రచురణలు - రకాలు, పరిమితులు, ఉపయోగాలు; బోధనోపకరణాలు; విస్తరణ కార్యక్రమ ప్రణాళిక - దశలు; ప్రణాళిక సూత్రాలు, మూల్యాంకనము - స్థాయిలు - రకాలు మరియు ప్రాముఖ్యత; గ్రామీణ సామాజిక శాస్త్రం - ప్రాముఖ్యత; భారతదేశ గ్రామీణ సమాజ విశిష్ట లక్షణాలు; గ్రామీణ మరియు పట్టణ సమాజాల మధ్య వ్యత్యాసాలు; గ్రామీణాభివృద్ధి - లక్ష్యాలు మరియు సమస్యలు; భాగస్వామ్య గ్రామీణ విశ్లేషణాత్మక తులనం - ముఖ్య లక్షణాలు, ముఖ్య సూత్రాలు, పద్ధతులు; నాయకత్వం - గుణ శీలములు, వర్గీకరణ, నాయకుల ఎన్నిక మరియు శిక్షణ, స్వాతంత్ర్యం పూర్వం మరియు స్వాతంత్ర్యము తర్వాత అభివృద్ధి పథకములు;



సామాజికాభివృద్ధి మార్గదర్శక సూత్రాలు; పంచాయితీరాజ్ వ్యవస్థ, ఆవశ్యకత, మూడు అంచెల పంచాయితీరాజ్ వ్యవస్థ స్వరూపం. తెలంగాణలో మండల వ్యవస్థ - వ్యవస్థాగత లక్షణాలు; వ్యవసాయ విస్తరణ సంస్కరణలు - ఆత్మా (వ్యవసాయ సాంకేతిక యాజమాన్య సంస్థ) ఉద్దేశ్యాలు మరియు ప్రాముఖ్యత.

**10. వ్యవసాయ శక్తి వనరులు, యంత్ర పరికరాలు :**

వ్యవసాయంలో శక్తి వనరులు; క్షేత్ర ఇంజనులు - వాటి భాగాలు, వాటి మధ్య భేదాలు; ఇంధన లక్షణాలు; ట్రాక్టర్లు - రకాలు; ట్రాక్టర్ల నిర్వహణ; పవర్ టీల్లర్ - పనితీరు; దుక్కి దున్ను పరికరములు; గట్లు వేయు సాధనములు; సాంప్రదాయ విత్తే పరికరాలు; రకరకాల స్ప్రేయర్లు - డస్టర్లు, కలుపుతీయ సాధనములు; పంటకోయ యంత్రములు; పంట నూర్చిలో ఉపయోగించే యంత్రాలు - వాటి యాజమాన్యం; తూర్పారబట్టుట, పద్దతులు; వివిధ పంటలలో కోత అనంతరం ఉపయోగించే యంత్రాలు; ధాన్యం ఆరబెట్టు పద్దతులు; ధాన్యం నిల్వచేసే నిర్మాణాలు - రకాలు, ఉపయోగాలు; ఆహార పదార్థాల నిల్వ

**11. ల్యూండ్ సర్వేయింగ్, వాటర్ ఇంజనీరింగ్ మరియు గ్రీన్ హౌస్ టెక్నాలజీ :**

సర్వేయింగ్ - రకములు, దోషములు; సాగునీటిని కొలిచే పద్దతులు; బిందు సేద్యం మరియు తుంపర సేద్యం - ప్రాముఖ్యత; పంపులు రకాలు - పరిరక్షణ; హరిత గృహాలు - ప్రాముఖ్యత, రకాలు, నిర్మాణానికి ఉపయోగించే వివిధ రకాల వస్తువులు; హరిత గృహములోని వాతావరణ పరిస్థితులు - వాటి నియంత్రణ; షేడ్ నెట్స్ - వాటి ఉపయోగాలు.

## **PAPER-II: AGRICULTURAL ENGINEERING (DIPLOMA LEVEL)**

### **UNIT I: SURVEYING AND LEVELLING**

Surveying: Concept and purpose, linear and angular measurements- Fundamental principles of surveying- Classification of survey and purpose of field work. Chain Survey: Purpose and principle, equipment used - Errors - Ranging types - Recording field notes - Obstacles in chaining - Calculation of area of irregular field. Compass surveying: Purpose and principle, working and uses - Concept of true and magnetic meridians - Types of bearings - Conversion of bearings. Declination - conversion of magnetic and true bearings.

Leveling: Operation, terms and Components -Temporary adjustments - methods to find Reduced level - Classification of Levelling - Contour map: Uses and Characteristics. Theodolite survey: Introduction, classification, Basic definitions, Reading of vernier scales. Trigonometric leveling: Reading of vertical angles, Measurement of vertical angle, Index error, Importance of reading with both faces - Tacheometric surveying: Introduction, purpose, instruments used, different tacheometric constants - Curves: classification, degree and radians of the curves, elements of curves - Global Position System (GPS).

### **UNIT II: HYDROLOGY AND SOIL & WATER CONSERVATION ENGINEERING**

Hydrology: Application, hydrologic cycle, Forms of precipitation and its measurement - Probability analysis of rainfall - Average depth of rainfall over an area. Soil erosion by water and wind: Types, ill effects. Erosion control measures: Design and construction of contour and graded bunds, grassed waterways, Bench terraces, Contour trenches and contour stone walls - Runoff estimation methods - Velocity of water in open channels. Hydrographs - Unit hydrograph. - Estimation of soil loss, Universal soil loss equation - Design of drop spillways - Water harvesting - Land capability classification.

Watershed: Definition, identification, delineation and physiographic characteristics - Management of agricultural watersheds - Integrating soil and water conservation measures into watershed development - Participatory watershed development capacity building - Monitoring and evaluation of watershed projects in Telangana State.

### **UNIT III: IRRIGATION AND DRINAGE**

Irrigation: Necessity and development in India - Present status of water sources -Surface irrigation methods in Telangana State - Sprinkler and Drip irrigation systems: Types, advantages and disadvantages, adoptability, Hydraulics, Planning and design Installation, Operation and Maintenance and Troubles and remedies - Fertigation equipment- Types of Emitters, Emitter flow Equation - Distribution Uniformity and irrigation Efficiency - Field evaluation of the system - Cost estimation of drip irrigation system for row and orchards.

Drainage: Objectives, Causes and effects, Control of water logging, Interrelationship of irrigation and drainage. Surface drainage system: Factors effecting surface drainage and drainage coefficient, different types and their design. Sub surface drainage system: types of drainage systems and their design.

Fluid: Classification, Properties, Dimensions, Fluid pressure Measurement -Piezometer tube - Types of manometers, Mechanical gauges-Kinematics of fluid flow- Dynamics of fluid flow - Bemoulli's theorem- Euler's equation of motion - Venturimeter - Pitot tube - Orifice meter - Flow through orifices (Measurement of Discharge) - Flow through mouth pieces, simple pipes

and open channels - Flow over Notches and weirs. Pump sets: Components, working, repairs and maintenance of Centrifugal, Turbine and Submersible pump sets.

#### **UNIT IV: RENEWABLE ENERGY SOURCES**

Farm power: Different sources - Advantages and disadvantages - Types and need renewable sources of energy. Solar energy: Solar energy collection, Types of collectors, Methods of storing solar energy, water heater, power generation, refrigeration system, space cooling and heating, Solar still, cooker, Solar water pumping system, lantern, street light and fencing. Solar dryer. Wind energy: Classification, Wind mill for water pumping (wind pump) and electric power generation (wind turbine) – Horizontal and Vertical axis wind mills.

Solid waste management: Sources and different types of waste - Recovery of energy from MSW-Recycling process - Advantages and disadvantages of recycling of a product. Bio energy - Biomass Classification, Importance and characteristics - Pyrolysis and gasification - Types and construction and working of briquetting machines - Shredding machines -Types of gasifiers and their construction and working of principle - Principle of biogas production - Phases of anaerobic digestion - Advantages, disadvantages and uses - Classification of biogas plants - Construction and maintenance of KVIC and Janatha type biogas plants - Bio fuels - Biodiesel production processes from Jatropha and Pongamia - Ethanol production from sugarcane and corn.

#### **UNIT V: WORKSHOP TECHNOLOGY**

Workshop technology: Introduction, Basic workshop process, Carpentry, Bench work and fitting - Smithy and forging - Sheet metal - Mechanical working of metals -Carpentry - Planning tools - Carpentry process - Fitting - Cutting tools - Drill bits - Gauges - Hammers - Sheet metal operations .

Foundry: Introduction, Advantages and disadvantages - Process of producing castings - Hand moulding tools, classification of moulding sand - Properties of moulding sand - Moulding procedure - Defects in castings - Safety precautions in foundry shop-Work holding devices - Types of drills - Description and functions of lathe parts -Specification of power hack saw - Methods of sawing -Functions of lathe - types of lathes Production lathes - Automatic and semi automatic lathes - Shaping machine.

Internal Combustion Engines : Working cycle of 4- stroke(4-S) diesel and petrol engines - Working cycle of 2-stroke(2-S) Petrol Engine-Comparison between 4-S and 2-S Engines - Distinguish diesel and petrol Engines - Different systems of IC engines (Fuel Supply, Ignition, Cooling ,Lubrication systems.)

#### **UNIT VI: AGRICULTURAL IMPLEMENTS AND MACHINERY**

Animal and Tractor drawn primary and secondary tillage implements: Functions, Components, Working, Adjustments and Repair & Maintenance - Land development implements: Types, Uses and Working - Animal and Tractor drawn seed cum fertilizer drills: Functions, Components, Working, Adjustments and Repair & Maintenance Transplanting machinery: Functions, Components, Working, Adjustments and Repair & Maintenance.

Combine harvester: Functions, Components, Working, Adjustments and Repair & Maintenance - Harvesting machinery for corn, sugar cane, cotton and root crops: Functions, Components, Working, Adjustments and Repair & Maintenance - Fruit harvesters: Functions,

Components, Working, Adjustments and Repair & Maintenance -Groundnut pod stripper: Components, Working- Chaff cutters - Manual and power operated plant protection machinery: Components, Working, Calibration, Adjustments and Repair & Maintenance - Tractor: history, classification and components, Power transmission, Break and Hydraulic systems. Tractor and Power tillers operation, Repair and periodical maintenance.

#### **UNIT VII: AGRICULTURAL STRUCTURES & PROCESS ENGINEERING**

Crop processing - Cleaning, grading, sorting, drying milling including size reduction, extraction, distillation, centrifugal separation of various crops like cereals, pulses, oilseeds, etc., Minimize post harvest losses by value addition to the agricultural produce - Various process technologies for cereals, pulses, oilseeds and their conveying and elevating equipment - Threshing, winnowing, rice milling equipments and various process technologies for cereals, pulses, oilseeds.

Greenhouses(GH): Introduction, Classification -Plant response to GH environment - Planning of GH facility- GH Ventilation systems in summer and winter- GH Structural and covering materials -Design criteria and construction of pipe framed GH- Greenhouse heating & energy storage and irrigation systems-Greenhouse utilization in off season - Economics of greenhouse production.

Farmstead: Definition and constitution, Various types - Planning and layout -Dairy barns - Poultry housing - Sheep and goat housing - Construction of farm buildings - Building materials - Quantity survey - Design of storage structures - Farm fencing - Farm roads - Design and construction of threshing yard.

#### **UNIT VIII: AGRICULTURAL SCIENCES & COMPUTER BASICS**

Development of Agriculture in India, Agro climatic zones in Telangana State – Monsoons, Seasons, seasonal crops of Telangana State. Sustainable Agriculture and Organic farming. Fertilizers - Dryland Agriculture - Soil structure - Bulk density - Soil water movement. Agricultural production economics in Telangana State: Definition, objectives of production economics, nature & scope and subject matter of agricultural production economics, Relationship with other sciences. Agricultural marketing, Market functions. Agro-based industries. Economic principles applied to the organization of farm business. Audio-visual aids & other extension methods and through effective communication skills for organizing meetings effectively.

Computer, Advantages and disadvantages, computer system components and their functions - MS Word, MS Excel, Power Point menu bars and Internet applications.

## ANNEXURE - IV

### INSTRUCTIONS TO CANDIDATES:

#### **A) GENERAL INSTRUCTIONS TO CANDIDATES**

- 1) 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.
- 2) **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.
- 3) 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.
- 4) Candidates trying to use unfair means shall be disqualified from the selection. No correspondence whatsoever will be entertained from the candidates.
- 5) The Penal Provisions of Act 25/97 published in the A.P. Gazette No. 35, Part-IV.B Extraordinary dated: 21/08/1997 shall be invoked if malpractice and unfair means are noticed at any stage of the Examination.

#### **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
- 9) If the candidate noticed any discrepancy printed on Hall ticket as to community, date of birth etc., they may immediately bring to the notice of Commission's officials/Chief Superintendent in the examination centre and necessary corrections be made in the Nominal Roll, in the Examination Hall against his/her Hall Ticket Number for being verified by the Commission's Office.

### **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) Paper – I Examination will be from 10.00 AM to 12.30 PM (150 minutes).
- 3) Paper – II Examination will be from 2.30 PM to 5.00 PM (150 minutes).
- 4) The examination link with the login screen will already be available on your system. Please inform the invigilator if this is not the case.
- 5) 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.
- 6) Invigilator will announce the password at 09.50 AM and 02.20 PM.
- 7) 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.
- 8) 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.*
- 7) You have to use the mouse to answer the multiple choice type questions with FOUR alternative answers.
- 8) To answer any numerical answer type question, you need to use the virtual numeric key pad and the mouse.
- 9) On the online exam question screen, the timer will display the balance time remaining for the completion of exam.
- 10) 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.*
- 11) After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.
- 12) Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.
- 13) To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.
- 14) 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.
- 15) 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.
- 16) You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.
- 17) 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.
- 18) 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.
- 19) 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.
- 20) Please don't touch the key board 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.
- 21) Please inform the invigilator in case of any technical issues.
- 22) Please do not talk to or disturb other candidates.
- 23) In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.
- 24) 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**

(G.O. MS. NO. 5 Scheduled Castes Development (POA.A2) Dept., Dt. 08/08/2015 read with G.O. Ms. No. 11, Scheduled Castes Development (POA.A2) Dept., Dt. 17/09/2014 and G.O. Ms. No. 2 Scheduled Castes Development (POA.A2) Dept., Dt. 22.01.2015)

**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. Chandala
17. Dakkal, Dokkalwar
18. Dandasi
19. Dhor
20. Dom, Dombara, Paidi, Pano
21. Ellamalawar, Yellammalawandlu
22. Ghasi, 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, Benthoriya, Bartika, Dulia, Holya, Sanrona, Sidhopaiko
18. Koya, Doli Koya, Gutta Koya, Kammara Koya, Musara Koya, Oddi Koya, Pattidi Koya, Rajah, Rasha Koya, Lingadhari Koya (ordinary), Kottu Koya, Bhine Koya, Rajkoya
19. Kulia
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, Chella 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.)**

- 1 Agnikulakshatriya, Palli, Vadabaliya, Bestha, Jalari, Gangavar, Gangaputra, Goondla, Vanyakulakshatriya (Vannekapu, Vannereddi, Pallikapu, Pallireddi) Neyyala, Pattapu.
- 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 / Pitchiguntla
- 19 Pamula
- 20 Pardhi (Nirshikari)
- 21 Pambala



- 22 Peddammavandlu, Devaravandlu, Yellammavandlu, Mutyalammavandlu, 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 Nokkar
- 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, Ekila, 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, **[\*Settibalija 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 Karikalabhakthulu, Kaikolan or Kaikala (Sengundam or Sengunther)
- 10 Karnabhakthulu
- 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, Thogata 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, Kammari, Kanchari, Vadla or Vadra or Vadrangi and Silpis), Viswakarma
- 22 \*[Kunchiti / Vakkaliga / Vakkaligara / Kunchitiga]
- 23 Lodh/ Lodhi/ Lodha (area confined to Hyderabad, Rangareddy, Khammam and Adilabad Districts only)
- 24 Bondili
- 25 Are Marathi, Maratha (Non-Brahmins), Arakalies and Surabhi Natakavallu

- 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 Koshti  
 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 Ayyaraka (area confined to Khammam and Warangal Districts only)  
 38 Nagaralu (area confined to Hyderabad and Rangareddy Districts only)  
 39 Aghamudian, Aghamudiar, Agamudivellalar and Agamudimudaliar (including Thuluva Vellalas) (area confined to Hyderabad and Rangareddy Districts only)  
 40 \*[Beri Vysya / Beri Chetty]  
 41 \*[Atirasa]  
 42 Sondi / Sundi  
 43 Varala  
 44 Sistikaranam  
 45 Lakkamarikapu  
 46 Veerashaiva Lingayat / Lingabaliya  
 47 Kurmi

**GROUP-E**  
**(Socially and Educationally Backward Classes of Muslims)**  
**(Subject to outcome of Civil Appeal No(s).2628-2637/2010 etc., pending before the Hon'ble Supreme Court of India)**

- 1 Achchukattalavandlu, Singali, Singamvallu, Achchupanivallu, Achchukattuvaru, Achukatlavandlu  
 2 Attar Saibulu, Attarollu  
 3 Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tsakalas, Sakalas or Chakalas, Muslim Rajakas  
 4 Faqir, Fhakhir Budbudki, Ghanti Fhakhir, Ghanta Fhakirlu, Turaka Budbudki, Darvesh, Fakeer  
 5 Garadi Muslim, Garadi Saibulu, Pamulavallu, Kani-Kattuvallu, Garadollu, Garadiga  
 6 Gosangi Muslim, Phakeer Sayebulu

7 Guddi Eluguvallu, Elugu Bantuvallu, Musalman Keelu Gurravallu  
 8 Hajam, Nai, Nai Muslim, Navid  
 9 Labbi, Labbai, Labbon, Labba  
 10 Pakeerla, Borewale, Deera Phakirlu, Bonthala  
 11 Qureshi, Kureshi/ Khureshi, Khasab, Marati Khasab, Muslim Katika, Khatik Muslim  
 12 Shaik/ Sheikh  
 13 Siddi, Yaba, Habshi, Jasi  
 14 Turaka Kasha, Kakkukotte Zinka Saibulu, Chakkitakanevale, Terugadu Gontalavaru, Thirugatigantla,  
 Rollaku Kakku Kottevaru, Pattar Phodulu, Chakketakare, Thuraka Kasha

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\* omitted vide G.O Ms.No.3, BCW(OP) Dept., Dated:14.08.2014

- 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.