

TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD

NOTIFICATION NO. 14/2017

TRAINED GRADUATE TEACHERS IN RESIDENTIAL EDUCATIONAL INSTITUTIONS SOCIETIES
(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) to the post of **Trained Graduate Teachers in Residential Educational Institutions Societies**

- i. **Submission of ONLINE applications from Dt. 18/04/2017**
- ii. **Last date for submission of ONLINE applications Dt. 04/05/2017**
- iii. **Hall Tickets can be downloaded 07 days before commencement of Examination.**
- iv. **The question paper of Preliminary(Screening Test) will be supplied in English version only. The question paper of Main examination will be supplied in English version only except languages.**

2) The **Preliminary (Screening Test)** is of **Objective Type** and is likely to be held on **Dt. 28/05/2017 and the Main Examination (Objective Type) is likely to be held during June, 2017.** 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.

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

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

Sl. No.	Name of the Post	No. of Vacancies	Age as on 01/07/2017 Min. Max.	Scale of Pay Rs.
1	Trained Graduate Teachers in Telangana Residential Educational Institutions Society.	74	18-44*	28,940-78,910/-
2	Trained Graduate Teachers in Telangana Social Welfare Residential Educational Institutions Society.	1281		28,940-78,910/-
3	Trained Graduate Teachers in Telangana Tribal Welfare Residential Educational Institutions Society	621		29,760-80,930/-
4	Trained Graduate Teachers in Mahatama Jothiba Phule Telangana Backward Classes Welfare Residential Educational Institutions Societies.	1170		28,940-78,910/-
5	Trained Graduate Teachers in Telangana Minorities Residential Educational Institutions Societies	1216		28,940-78,910/-
TOTAL		4362		

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

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

4) EDUCATIONAL QUALIFICATIONS:

Applicants must possess the qualifications from a recognized University/ Institution as detailed below or equivalent thereto, as specified in the relevant Bye Laws/ Service Regulations, indented by the Residential Educational Institutions Societies as on the Date of Notification.

Sl. No.	Name of the Post	Educational Qualifications
1	Trained Graduate Teachers in Telangana Residential Educational Institutions Society.	<p>Academic Qualifications:</p> <p>i) B.A/B.Sc/B.Com with at least 50% of marks from a University recognized by the UGC (Annexure-A).</p> <p>(In case of SC / ST /BC / Differently abled candidates, the minimum marks shall be 45%)</p> <p style="text-align: center;">AND</p> <p>Pass in Bachelor of Education (B.Ed) course with the subject concerned as a methodology subject from any institution recognized by the NCTE</p> <p style="text-align: center;">OR</p> <p>ii) 4 years B.A.B.Ed / B.Sc.B.Ed, with atleast 50% marks with the subject concerned as a Methodology from any institution recognized by the NCTE. (In case of SC / ST /BC / Differently abled candidates, the minimum marks shall be 45%)</p> <p style="text-align: center;">OR</p> <p>iii) Graduation with Language concerned as one of the Optional subjects (OR) Bachelor of Oriental Language (or its equivalent) (OR) Graduation in Literature (OR) Post Graduation in Language concerned from a University recognized by the UGC with at least 50% AND Language Pandit Training Certificate / B.Ed. with Language concerned as one of the Methodologies from any Institution recognized by NCTE, in respect of Language Teachers. (In case of SC / ST /BC / Differently abled candidates, the minimum marks shall be 45%)</p> <p style="text-align: center;">AND</p> <p>Pass in Paper II of Telangana State Eligibility Test (TSTET) / Andhra Pradesh Teacher Eligibility Test (APTET)/Central Teacher Eligibility Test (CTET)</p> <p>Note: 20% of weightage will be given to TET Paper-II score and 80% weightage to the written test conducted by TSPSC. In case of APTET, scores obtained before the appointed day i.e, 02-06-2014 shall only be considered.</p>
2	Trained Graduate Teachers in Telangana Social Welfare Residential Educational Institutions Society.	
3	Trained Graduate Teachers in Telangana Tribal Welfare Residential Educational Institutions Society	
4	Trained Graduate Teachers in Mahatama Jothiba Phule Telangana Backward Classes Welfare Residential Educational Institutions Societies.	
5	Trained Graduate Teachers in Telangana Minorities Residential Educational Institutions Societies	

ANNEXURE – A (FOR THE POST OF TRAINED GRADUATE TEACHER)
GENERAL INSTRUCTIONS

Candidates with the following conditions are only eligible

1. Academic degree of Universities recognized by University Grants Commission (UGC).
2. Teacher Education courses recognized by National Council for Teacher Education (NCTE).
3. The Candidates who have obtained Degrees through Open Universities and Deemed Universities/Distance Education mode are required to have recognition by the University Grants Commission, Distance Education Council (DEC), All India Council for Technical Education and with jurisdiction to operate such courses in the State of Telangana/Andhra Pradesh as case may be. Unless such Degrees have been recognized 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 recognized rests with the Candidate.
4. Teacher Eligibility Test (TET): The candidates should have passed paper-II of State TET / Paper-II of CTET. Candidates applying with CTET, Paper-II qualification should have opted with Telugu/Urdu/Hindi as one of the language in CTET.

S.No	Name of the Post	Subjects
1	Trained Graduate Teacher in Telugu	Must Possess a Bachelor's Degree with Telugu as the main Subject (OR) one of the 3 equal optional subjects (OR) a Bachelor's Degree in Oriental language (BOL) in Telugu (OR) a Post Graduate Degree in Telugu AND B.Ed. with Telugu as a methodology (OR) Telugu Pandit Training from an Institution recognized by NCTE
2	Trained Graduate Teacher in Sanskrit	Must Possess a Bachelor's Degree or its equivalent with Sanskrit as the main Subject from an Institution recognized by UGC (OR) its equivalent (OR) one of the 3 equal optional subjects (OR) a Bachelor's Degree in Oriental language (BOL) in Sanskrit (OR) a Post Graduate Degree in Sanskrit AND B.Ed. with Sanskrit as a methodology (OR) Sanskrit Pandit Training from an Institution recognized by NCTE
3	Trained Graduate Teacher in Hindi	Must Possess a Bachelor's Degree or its equivalent with Hindi as the main Subject from an Institution recognized by UGC (OR) its equivalent (OR) one of the 3 equal optional subjects (OR) a Bachelor's Degree in Oriental language (BOL) in Hindi (OR) a Post Graduate Degree in Hindi AND B.Ed. with Hindi as a methodology (OR) Hindi Pandit Training from an Institution recognized by NCTE
4	Trained Graduate Teacher in Urdu	Must Possess a Bachelor's Degree or its equivalent with Urdu as the main Subject from an Institution recognized by UGC (OR) its equivalent (OR) one of the 3 equal optional subjects (OR) a Bachelor's Degree in Oriental language (BOL) in Urdu (OR) a Post Graduate Degree in Urdu AND B.Ed. with Urdu as a methodology (OR) Urdu Pandit Training from an Institution recognized by NCTE

5	Trained Graduate Teacher in English	<p>Must Possess a Bachelor's Degree with English as the main Subject (OR) one of the 3 equal optional subjects (OR) a Post Graduate Degree in English from a University recognized by UGC</p> <p>AND</p> <p>B.Ed, with English as a methodology from an Institution recognized by NCTE</p>
6	Trained Graduate Teacher in Mathematics	<p>Must Possess a Bachelor's Degree with Mathematics/Applied Mathematics/Statistics as the main Subject (OR) one of the three equal optional subjects from a University recognized by UGC</p> <p>AND</p> <p>B.Ed, with Mathematics as a Methodology subject from an Institution recognized by NCTE</p>
7	Trained Graduate Teacher in Physical Science	<p>Must Possess a Bachelor's Degree with at least two of the following subjects as Optional subjects: Physics/ Applied Physics/Engineering Physics and Instrumentation & Chemistry/ Applied Chemistry/Industrial Chemistry/ Pharmaceutical Chemistry/ Medicinal Chemistry/Bio-Chemistry/Geology (OR) either Physics/Its allied subjects or Chemistry/ its allied subjects as one the main subjects and other as subsidiary/ Ancillary subject from a University recognized by UGC</p> <p>AND</p> <p>B.Ed. with Physical Science /Physics / Chemistry/Science as a methodology subject from an institution recognized by NCTE</p>
8	Trained Graduate Teacher in Biological Science	<p>Must Possess a Bachelor's Degree with Botany and Zoology as optional subjects (OR) one of the two as main and other as subsidiary subject (OR) any two of other allied subjects viz. Public Health/Human Genetics/Genetics/Bio Chemistry/ Environmental Sciences/ Micro-Biology/ Biotechnology/Industrial Micro-Biology/ Agriculture/Food Technology/ Fisheries/ Nutrition/ Geology from a University recognized by UGC</p> <p>AND</p> <p>B.Ed. with Biological Science/Natural Sciences/Science/Botany/Zoology as a Methodology subject from an institution recognized by NCTE</p>
9	Trained Graduate Teacher in Science	<p>Candidates with the qualifications mentioned at Sl.No.7 OR Sl.No.8 i.e., TGT (Physical Science) OR TGT (Biological Science) are eligible</p>
10	Trained Graduate Teacher in Social Studies	<p>1) Must Possess a Bachelor's Degree with any two of the following subjects as optional OR one of them as a main and any other one as a subsidiary subject: (i) Economics (ii) History (iii) Political Science (iv) Sociology (v) Public Administration (vi) Geography (vii) Commerce (viii) Politics (ix) Social Anthropology (x) Ancient Indian History Culture and Archaeology (xi) Anthropology (xii) Social Work (xiii)</p>

		Philosophy (xiv) Psychology OR 2) B.Com from an institution recognized by UGC. AND B.Ed Degree with Social Studies / Social Sciences /Geography / History/ Politics / Political Science / Economics as a Methodology subject from an institution recognized by NCTE
--	--	---

NOTE:- Subject wise vacancy position is available at ANNEXURE-I and candidates may apply as per the vacancy position in their concerned subject.

5) **AGE:** Minimum 18 years & Maximum 44* years. The age is reckoned as on 01/07/2017 (Rule- 12(1)(a)(v) of State and Subordinate Service Rules).

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

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

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

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

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.	Ex-Service men	3 years & length of service rendered in the armed forces.
4.	N.C.C.(who have worked as Instructor in N.C.C.)	3 Years & length of service rendered in the N.C.C.
5.	SC/ST and BCs	5 Years
6.	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. 120/- (RUPEES ONE HUNDRED AND TWENTY 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:

1) The Screening Test will be held at **HYDERABAD (including HMDA Jurisdiction) only or all erstwhile District head quarters**. However, the Commission reserves the right either to increase or decrease the number of Centres.

- 2) The Main (Objective Type) Examination will be held at **HYDERABAD (including HMDA Jurisdiction) only**
- 3) However, the Commission reserves the right to abolish / create new centre or centres 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 Candidates have 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 fetched from various databases pertaining to qualification, caste, Aadhar etc, and displayed on the screen. If the displayed details are correct he/she has to click **Yes** on confirm button. If any details are not displayed or need to be changed, he/she should click **No** on confirm button. If details are not displayed a text box will open and candidate has to feed the details manually. Required documents have to be uploaded by clicking the upload button. 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

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 along with Finance Clearance vide G.O. Ms. No. 46 Finance (HRM.II) Department, Dt. 07/04/2016, G.O. Ms. No. 94 Finance (HRM.VII) Department, Dt. 03/08/2016, G.O. Ms. No. 114 Finance (HRM.VII) Department, Dt. 12/09/2016, G.O. Ms. No. 212 Finance (HRM.II) Department, Dt. 05/12/2016 and G.O. Ms. No. 14 Finance (HRM.II) Department, Dt. 28/01/2017

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

- i). Aadhar card.
- ii). Proof of Educational Qualifications.
- iii). Date of Birth Certificate / S.S.C
- iv). School Study Certificate
- v). Declaration by the Unemployed (For claiming examination fee exemption)
- vi). No Objection Certificate from Employer (if anywhere employed)
- vii). Local Scheduled Area Certificate (Candidates hailing from Agency Area) **wherever applicable.**
- viii). Pass certificate in TET Paper-II of TS TET/AP TET/CTET.

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

- ix). Community Certificate.
- x). Non-Creamy Layer Certificate as per Form- VIIB / Creamy Layer Certificate as per Form- VIIC.
- xi). Certificate of Residence / Nativity (where the Candidates not studied in School / Private Study)

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

- xii). a) Medical Certificate for the Blind
b) Certificate of Hearing Disability and Hearing Assessment
c) Medical Certificate in respect of Orthopedically Handicapped Candidates

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

1. **Vacancies:** The recruitment will be made to the vacancies notified before the examination only. There shall be no waiting list as per G.O. Ms. No. 81 General Administration (Ser.A) Department, Dated 22/02/1997. If additional vacancies are reported by the Government an addendum to that effect will be issued.
2. **Recruitment:-** The recruitment will be processed as per the Notification and also as per the Byelaws / Service Regulations, B.O.G recommendations of the Residential Educational Institution Societies and orders / Instructions issued by the Government and also as decided by the Commission from time to time.
3. **Constitutional Provisions:-** The Commission is empowered under the provisions of Article 315 and 320 of the Constitution of India read with relevant laws, rules,

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

4. **Zonal/Local:-** The Zonal and Local Reservations shall be followed as per the Para -8 of A.P. Public Employment (Organization of Local Cadres and Regulation of Direct Recruitment) Order, 1975 (G.O.P. No. 674, G.A. (SPF-A) Dept., Dated: 20/10/1975) read with G.O. Ms. No. 124, General Administration (SPF-A) Department, dated: 07/03/2002 and other orders issued by the Government and within the meaning of Sections 3 and 97 of A.P. State Reorganization Act 06/2014.
5. **Employed:-** The persons already in Government Service/ Autonomous bodies/ Government aided institutions etc., whether in permanent or temporary capacity or as work charged employees are required to inform in writing to the Head of Office / Department, as the case may be and required to submit the "No objection" from the concerned Head of Office / Department to the Commission as and when required to do so.
6. **Penal Action:-** The Commission is also empowered to invoke the penal provisions of the A.P. Public Examinations (Prevention of Malpractices and Unfair means) Act 25/97 for matters connected therewith or incidental thereto and as per the Rules of Procedure of TSPSC published in Telangana Gazette No:60 dt:28/12/2015 in respect of this Notification.
7. **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 through E-seva/ Mee-seva (G.O. Ms. No. 16 BCW(OP) Dept., Dt. 11/03/2015) and orders and instructions issued by the Government from time to time. As per General Rules for State and Subordinate Service Rules, **Rule - 2(28)** Explanation: No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste.
8. **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 Ex-Service men is applicable as per rule 22 of State and Subordinate Service rules and in terms of G.O.Ms.No.310 GA (Ser.D) Dept., Dt.19-07-2005.
 - (iii) Reservation to Disabled persons is subject to their eligibility to any of the above category of posts and shall be subject to Telangana State and Subordinate Service Rules governing the posts. The required extent of deformity and the genuineness of the Medical Certificate and in the case of ambiguity or doubt, the same shall be referred to the Appellate Medical Boards as per the instructions of the Government.
 - (iv) The Reservation to Women will apply as per Telangana State and Subordinate Service Rules and in terms of G.O.Rt.No.1274, G.A (Ser-B) Department, Dated 04-06-2016:
 - (v) As per G.O.Rt.No.1274, G.A (Ser-B) Department, Dated 04-06-2016:
 - (a) Women staff shall only be recruited in all cadres of posts in the Schools/ Institutions meant for Girls, in terms of Sub-Rule (3) of rule 22-A of Telangana State and Subordinate Service Rules.
 - (b) The Schools / Institutions meant for Boys shall be treated as General Schools / Institutions and the posts in such Schools / Institutions shall be filled with men and women candidates, in terms of sub-rule (2) of rule 22-A of Telangana State and Subordinate Service Rules.
 - (c) Separate rosters in each cadre shall be maintained for General (Boys) Schools / Institutions and for Girls Schools / Institutions, in accordance with

sub-rules (2) and (3) of rule 22-A of Telangana State and Subordinate Service Rules.

- (vi) Reservation to BC-E group will be subject to the adjudication of the litigation before the Honorable Courts including final orders in Civil Appeal No: (a) 2628-2637 of 2010 in SLP. No. 7388-97 of 2010, dated. 25/03/2010 and orders from the Government.
9. As per G.O.Ms.No.3 Social Welfare (TW.EDN.II) Dept. Dt.10.01.2000 the appointment of posts of teachers in schools situated in the Scheduled Areas in the State subject to the modification that all the posts of teachers in the schools situated in Scheduled Areas in the State of Telangana shall be filled in by the local S.T candidates only out of whom 33 1/3 % shall be women (**wherever applicable**).
- Explanation:-** "The Local Scheduled Tribe Candidate" means, the candidate belonging to the Scheduled Tribes notified as such under article 342 of the Constitution of India and the candidates themselves or their parents have been continuously residing in the scheduled areas of the Districts of Telangana State in which they are residents till to date since the 26th January, 1950.
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 those Local area where he/she has studied in Educational Institution(s) for not less than four consecutive academic years prior to and including the year in which he/she appeared for S.S.C or its equivalent examination. If however, he/she has not studied in any educational institution and obtained SSC or its equivalent qualification or Open School, Private Study basis, he/she has to produce residential certificate issued by the Tahsildar.

- i) In case any Candidate who does not fall within the scope of above then, if he/she has studied for a period of not less than seven years prior to and inclusive of the year in which he/she has studied SSC or its equivalent qualification, he/she will be regarded as local candidate on the basis of the maximum period out of the said period of seven years and where the period of his/her study in two or more local areas or equal such local area where he/she has studied last in such equal periods will be taken for determining the local candidature. Similarly, if he/she has not studied during the above said period in any Educational Institution(s) and obtained private study the place of residence during the above period will be taken into consideration and local candidature will be determined with reference to the maximum period of residence or in the case of equal period where he/she has resided last in such equal periods.
- ii) If the claim for local candidature is based on study, the candidate is required to produce a certificate from the Educational Institution(s) where he/she has studied during the said 4/7-year period. If, however, it is based on residence, a certificate should be obtained from an officer of the Revenue Department not below the rank of Tahsildar or Deputy Tahsildar in independent charge of Mandal.
- iii) If, however, a candidate has resided in more than one Mandal during the relevant four/seven years period but within the same District or Zone as the case may be separate certificates from the Tahsildar exercising jurisdiction have to be obtained in respect of different areas.

NOTE:

- (A) Residence Certificate will not be accepted, if a candidate has studied in any educational institution upto S.S.C. or equivalent examination, such candidates have to produce study certificates invariably. The candidates, who acquired Degree from Open Universities without studying SSC / Matriculation or equivalent in Educational Institutions, have to submit Residence Certificate only. Educational institutions means a recognized institution by the Government / University / Competent Authority.
- (B) Each of the following Zones comprises the Districts mentioned against each Zone.

The following are the Present Zones in the Telangana State:

- V** Adilabad, Karimnagar, Warangal and Khammam. (ADB, KRMN, WGL, KMM)
- VI** Hyderabad, Ranga Reddy, Nizamabad, Mahaboobnagar, Medak and Nalgonda. (HYD, RRD, NZB, MBNR, MDK, NLG)

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

PARA-VIII: PROCEDURE OF SELECTION:

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

1. The applicants will be subjected to a "Preliminary (Screening Test)" of Objective Type for the purpose of short listing the number of candidates to be admitted to the main examination (Objective Type) and the marks secured by the candidates in the preliminary (Screening Test) will not be counted for the purpose of final selection in terms of G.O.Ms.229, GA(Ser.A) Dept., dated 30-06-2016 read with G.O.Ms.No.316, GA (Ser.A) Dept., dated 17-08-2016.
2. The candidates will be picked up for the main examination based on their performance in preliminary examinations in the ratio of 1:15 in their respective categories duly following the Rule of reservation.
3. Those candidates who qualify in the Main Examination (Objective Type) in order of merit by giving 80% weightage for written test and 20% weightage marks in TET Paper-II put together will be called for verification of Certificates, Community and Category wise for the vacancies available as required. The minimum qualifying marks for Selection are OCs 40%, BCs 35% SCs, STs and PHs 30%. The minimum qualifying marks are relaxable in the case of SC/ST/BC/PH at the discretion of the Commission.
4. The candidates will be selected and allotted to the Residential Educational Institutions Societies in Telangana State as per their rank in the merit list and as per zonal 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.
5. The appearance in all papers at the Written Examination as per rules is compulsory. Absence in any paper/ papers will automatically render his candidature as disqualified.
6. 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.
7. While the Commission calls for preference of candidates in respect of posts/R.E.I. Societies etc., in the application form, it is hereby clarified that the said preferences are only indicative for being considered to the extent possible but not binding or limiting the Commission's powers enjoyed under Article 315 and 320 of the Constitution of India. Therefore, the Commission has the power to assigning a

successful candidate to any of the notified posts for which he is considered by them to be qualified and eligible, subject to fulfilling the selection criterion.

8. 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) ***Instructions to the Candidates***
- v) ***List of Communities***

PARA XI: SPECIAL INSTRUCTIONS TO CANDIDATES:

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

PARA-XII: COMMISSION'S DECISION TO BE FINAL:

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

HYDERABAD
DATE:14/04/2017

Sd/-
SECRETARY

**ANNEXURE – I
(GENERAL RECRUITMENT)**

BREAK UP OF VACANCY POSITION FOR THE POST OF TRAINED GRADUATE TEACHERS IN RESIDENTIAL EDUCATIONAL INSTITUTIONS SOCIETIES

BOYS INSTITUTIONS

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL		
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W	
TREIS	Telugu	Zone (V)	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
		Zone (VI)	3	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	6
	Sanskrit	Zone (V)	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
		Zone (VI)	2	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	4
	English	Zone (V)	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Zone (VI)	2	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	5
	Science	Zone (VI)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Social	Zone (V)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		Zone (VI)	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		Total	9	9	2	7	0	2	0	4	0	1	0	0	0	0	0	0	0	3	0	0	0	0	0	0	11	26

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL	
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W
TSWREIS	Telugu	Zone (V)	6	3	2	1	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	10
		Zone (VI)	12	7	4	2	2	1	2	1	2	1	1	0	2	1	0	1	0	1	1	0	0	0	2	28	15
	English	Zone (V)	7	4	2	2	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	14	12
		Zone (VI)	13	7	4	3	2	1	2	2	2	1	1	0	2	1	1	1	0	1	1	0	0	0	2	30	17
	Hindi	Zone(V)	5	3	2	1	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	10	10
		Zone(VI)	8	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	18	13
	Maths	Zone (V)	6	4	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	12
		Zone(VI)	8	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	18	13
	Phy.science	Zone (V)	6	3	2	1	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	10
		Zone (VI)	12	7	4	2	2	1	2	1	2	1	1	0	1	1	0	1	0	1	1	0	0	0	2	27	15
	Bio.Science	Zone (V)	7	4	3	2	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	15	12
		Zone (VI)	13	7	4	3	2	1	2	2	2	1	1	0	2	1	1	1	0	1	1	0	0	0	2	30	17
	Social	Zone (V)	6	3	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	11
		Zone (VI)	10	6	3	2	2	1	2	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	2	23	14
			Total	119	68	40	27	14	14	21	16	14	14	14	0	7	14	2	14	0	14	7	0	0	19	257	181

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL		
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W	
TTWREIS (NON AGENCY)	Telugu	Zone (V)	5	3	2	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	9	8
		Zone (VI)	6	4	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	11	12
	Hindi	Zone (V)	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
		Zone (VI)	4	2	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	6	7
	English	Zone (V)	5	2	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	8	7
		Zone (VI)	6	3	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	11	11
	Maths	Zone (V)	5	3	2	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	9	8
		Zone (VI)	6	4	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	11	12
	Science	Zone (V)	4	2	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	7	7
		Zone (VI)	3	1	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	4	5
	Phy.science	Zone (V)	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
		Zone (VI)	4	2	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	6	7
	Bio.Science	Zone (V)	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
		Zone (VI)	4	2	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	6	7
	Social	Zone (V)	5	3	2	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	9	8
		Zone (VI)	6	3	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	1	11	11
			Total	66	37	20	20	0	13	4	16	0	12	9	0	0	4	0	4	0	13	0	0	0	0	12	111	119

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL	
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W
TTWREIS (AGENCY)	Telugu	Zone (V)	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	7	7
		Zone (VI)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Hindi	Zone(V)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	English	Zone (V)	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	6
		Zone (VI)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Maths	Zone (V)	0	0	0	0	4	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	4	6
		Zone (VI)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Science	Zone (V)	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	7
		Zone (VI)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Phy.science	Zone (V)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Bio.Science	Zone (V)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Social	Zone (V)	0	0	0	0	5	6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	7
		Zone (VI)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
			Total	0	0	0	0	24	41	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	1	25	46

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL	
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W
MJPTBC WREIS	Telugu	Zone (V)	6	4	2	2	0	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	12	12
		Zone (VI)	10	7	3	2	2	1	2	1	2	1	1	0	1	1	0	1	0	1	1	0	0	0	2	24	15
	Hindi	Zone (V)	7	4	3	2	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	15	12
		Zone (VI)	10	7	3	2	2	1	2	1	2	1	1	0	0	1	0	1	0	1	1	0	0	0	2	23	15
	English	Zone (V)	14	8	4	3	2	1	2	2	2	2	1	0	2	1	1	1	0	1	1	0	0	0	2	31	19
		Zone (VI)	21	12	7	4	2	2	4	2	4	2	1	0	3	2	2	1	0	1	1	0	1	0	2	48	26
	Maths	Zone (V)	14	7	4	3	2	1	2	2	2	2	1	0	2	1	1	1	0	1	1	0	0	0	2	31	18
		Zone (VI)	20	12	7	4	2	2	4	2	3	2	1	0	3	2	2	1	0	1	1	0	1	0	2	46	26
	Science	Zone (V)	2	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	4
		Zone (VI)	2	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	4
	Physical Science	Zone (V)	6	4	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	12
		Zone (VI)	9	5	3	2	2	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	20	13
	Bio. Science	Zone (V)	6	4	2	2	0	1	1	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	1	11	12
		Zone (VI)	9	5	3	2	2	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	20	13
	Social	Zone (V)	6	4	2	2	0	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	12	12
		Zone (VI)	10	7	3	2	2	1	2	1	2	1	1	0	1	1	0	1	0	1	1	0	0	0	2	24	15
		Total	152	92	49	36	19	16	27	20	22	18	14	0	12	16	6	14	0	16	9	0	2	0	21	333	228

	Subject	Zone/ State	OC		SC		ST		BC-A		BC-B		BC-C		BC-D		BC-E		VH		HH		OH		EX-SER	TOTAL		
			G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	G	W	
TMREIS (MINORITIES)	Urdu	Zone (V)	9	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	19	13	
		Zone (VI)	19	11	6	3	2	2	3	2	3	2	1	0	2	2	1	1	0	1	1	0	1	0	2	41	24	
	Telugu	Zone (V)	9	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	19	13	
		Zone (VI)	20	11	6	4	2	2	3	2	3	2	1	0	3	2	1	1	0	1	1	0	1	0	2	43	25	
	Hindi	Zone (V)	4	2	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	6	7	
		Zone (VI)	7	4	2	2	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	14	12	
	English	Zone (V)	9	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	19	13	
		Zone (VI)	20	11	6	4	2	2	3	2	3	2	1	0	3	2	1	1	0	1	1	0	1	0	2	43	25	
	Maths	Zone (V)	12	7	4	2	2	1	2	1	2	1	1	0	2	1	1	1	0	1	1	0	0	0	2	29	15	
		Zone (VI)	27	15	9	5	4	2	5	2	6	3	1	0	5	2	3	1	0	1	1	0	1	0	2	64	31	
	Science	Zone (V)	9	5	3	2	1	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	19	13	
		Zone (VI)	20	11	6	4	2	2	3	2	3	2	1	0	3	2	2	1	0	1	1	0	1	0	2	44	25	
	Social Studies	Zone (V)	4	2	1	1	0	1	0	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	1	7	7	
		Zone (VI)	9	6	3	2	2	1	2	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	20	14	
	TOTAL			178	100	56	36	21	19	30	19	26	20	13	0	18	17	9	12	0	14	11	0	5	0	20	387	237

**ANNEXURE – I
(GENERAL RECRUITMENT)**

BREAK UP OF VACANCY POSITION FOR THE POST OF TRAINED GRADUATE TEACHERS IN RESIDENTIAL EDUCATIONAL INSTITUTIONS SOCIETIES

GIRLS INSTITUTIONS

	Subject	Zone/ State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL	
			W	W	W	W	W	W	W	W	W	W	W	W	W	
TREIS	Telugu	Zone (V)	3	2	1	1	0	0	0	0	1	0	0	0	8	
		Zone (VI)	3	2	0	1	0	0	0	0	1	0	0	0	7	
	Sanskrit	Zone (V)	3	1	0	1	0	0	0	0	0	0	0	0	5	
		Zone (VI)	2	1	0	1	0	0	0	0	0	0	0	0	4	
	English	Zone (V)	3	1	0	1	0	0	0	0	0	0	0	0	5	
		Zone (VI)	3	2	1	1	0	0	0	0	1	0	0	0	8	
		Total	17	9	2	6	0	0	0	0	0	3	0	0	0	37

	Subject	Zone/ State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL	
			W	W	W	W	W	W	W	W	W	W	W	W	W	W
TSWREIS	Telugu	Zone (V)	23	8	3	4	4	1	3	2	1	1	0	2	52	
		Zone (VI)	29	9	4	5	5	1	4	2	1	1	1	2	64	
	English	Zone (V)	30	10	4	5	5	1	4	2	1	1	1	2	66	
		Zone (VI)	32	11	4	6	5	1	5	3	1	1	1	2	72	
	Hindi	Zone (V)	12	5	2	3	2	1	1	1	1	0	0	1	29	
		Zone (VI)	17	5	3	3	3	1	1	1	1	1	0	2	38	
	Maths	Zone (V)	31	10	4	6	5	1	5	3	1	1	1	2	70	
		Zone (VI)	39	13	6	7	8	1	5	3	1	1	1	2	87	
	Phy. Science	Zone (V)	29	9	4	5	5	1	4	2	1	1	1	2	64	
		Zone (VI)	33	11	5	6	6	1	5	3	1	1	1	2	75	
	Bio. Science	Zone (V)	23	8	3	4	4	1	3	2	1	1	0	2	52	
		Zone (VI)	33	11	4	6	6	1	5	3	1	1	1	2	74	
	Social	Zone (V)	19	6	3	3	3	1	3	2	1	1	0	2	44	
		Zone (VI)	25	8	3	5	4	1	3	2	1	1	1	2	56	
			Total	375	124	52	68	65	14	51	31	14	13	9	27	843

	Subject	Zone/State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL	
			W	W	W	W	W	W	W	W	W	W	W	W	W	W
TTWREIS (NON AGENCY)	Telugu	Zone (V)	7	2	1	1	1	1	0	0	1	0	0	1	15	
		Zone (VI)	10	4	1	2	1	1	1	1	1	1	0	0	1	23
	Hindi	Zone (V)	4	2	1	1	1	0	0	0	0	1	0	0	0	10
		Zone (VI)	7	3	1	1	1	1	0	0	0	1	0	0	1	16
	English	Zone (V)	6	2	1	1	1	1	1	0	0	1	0	0	1	14
		Zone (VI)	9	4	1	2	1	1	1	1	1	1	0	0	1	22
	Maths	Zone (V)	7	2	1	1	1	1	1	0	0	1	0	0	1	15
		Zone (VI)	10	4	1	2	2	1	1	1	1	1	0	0	1	24
	Phy.Science	Zone (V)	4	2	1	1	1	0	0	0	0	1	0	0	0	10
		Zone (VI)	7	3	1	1	1	1	0	0	0	1	0	0	1	16
	Bio.Science	Zone (V)	4	2	1	1	1	0	0	0	0	1	0	0	0	10
		Zone (VI)	7	3	1	1	1	1	0	0	0	1	0	0	1	16
	Science	Zone (V)	3	1	0	1	0	0	0	0	0	0	0	0	0	5
		Zone (VI)	3	2	0	1	0	0	0	0	0	1	0	0	0	7
	Social	Zone (V)	7	2	1	1	1	1	0	0	0	1	0	0	1	15
		Zone (VI)	9	4	1	2	1	1	1	1	1	1	0	0	1	22
		Total	104	42	14	20	15	11	4	4	15	0	0	11	240	

	Subject	Zone/State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL
			W	W	W	W	W	W	W	W	W	W	W	W	W
TTWREIS (AGENCY)	Telugu	Zone (V)	0	0	13	0	0	0	0	0	1	0	0	1	15
	Hindi	Zone(v)	0	0	5	0	0	0	0	0	1	0	0	0	6
	English	Zone (V)	0	0	11	0	0	0	0	0	1	0	0	1	13
	Maths	Zone (V)	0	0	11	0	0	0	0	0	1	0	0	1	13
	Phy.Science	Zone (V)	0	0	5	0	0	0	0	0	1	0	0	0	6
	Bio.Science	Zone (V)	0	0	5	0	0	0	0	0	1	0	0	0	6
	Science	Zone (V)	0	0	7	0	0	0	0	0	1	0	0	0	8
	Social	Zone (V)	0	0	11	0	0	0	0	0	1	0	0	1	13
		Total		0	0	68	0	0	0	0	0	8	0	0	4

	Subject	Zone/State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL	
			W	W	W	W	W	W	W	W	W	W	W	W	W	W
MJPTBCWREIS	Telugu	Zone (V)	11	4	2	2	2	1	1	1	1	0	0	1	26	
		Zone (VI)	17	5	3	3	3	1	1	1	1	1	0	2	38	
	Hindi	Zone (V)	12	5	2	3	2	1	1	1	1	0	0	1	29	
		Zone (VI)	19	6	3	3	3	1	2	1	1	1	0	2	42	
	English	Zone (V)	25	8	3	5	4	1	3	2	1	1	0	2	55	
		Zone (VI)	36	12	5	7	6	1	5	3	1	1	1	2	80	
	Maths	Zone (V)	24	8	3	5	4	1	3	2	1	1	0	2	54	
		Zone (VI)	36	12	5	7	6	1	5	3	1	1	1	2	80	
	Science	Zone (V)	3	1	0	1	0	0	0	0	0	1	0	0	0	6
		Zone (VI)	3	2	0	1	0	0	0	0	0	1	0	0	0	7
	Phy. Science	Zone (V)	11	4	2	2	2	1	1	1	1	1	0	0	1	26
		Zone (VI)	16	5	3	3	3	1	1	1	1	1	1	0	2	37
	Bio. Science	Zone (V)	11	4	2	2	2	1	1	1	1	1	0	0	1	26
		Zone (VI)	16	5	3	3	3	1	1	1	1	1	1	0	2	37
	Social	Zone (V)	11	4	2	2	2	1	1	1	1	1	0	0	1	26
		Zone (VI)	18	5	3	3	3	1	2	1	1	1	1	0	2	40
			Total	269	90	41	52	45	14	28	20	16	9	2	23	609

	Subject	Zone/State	OC	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	VH	HH	OH	EX-SER	TOTAL	
			W	W	W	W	W	W	W	W	W	W	W	W	W	
TMREIS	Urdu	Zone (V)	13	5	2	3	2	1	1	1	1	1	0	1	31	
		Zone (VI)	31	10	4	5	5	1	5	2	1	1	1	2	68	
	Telugu	Zone (V)	13	5	2	3	2	1	1	1	1	1	0	1	31	
		Zone (VI)	31	10	4	5	5	1	5	2	1	1	1	2	68	
	Hindi	Zone (V)	5	2	1	1	1	0	0	0	0	1	0	0	0	11
		Zone (VI)	8	3	1	2	1	1	1	1	1	1	0	0	1	20
	English	Zone (V)	13	5	2	3	2	1	1	1	1	1	1	0	1	31
		Zone (VI)	31	10	4	5	5	1	5	2	1	1	1	1	2	68
	Maths	Zone (V)	19	6	3	3	3	1	3	1	1	1	1	0	2	43
		Zone (VI)	40	13	6	7	8	1	5	3	1	1	1	1	2	88
	Science	Zone (V)	13	5	2	3	2	1	1	1	1	1	1	0	1	31
		Zone (VI)	31	10	4	5	5	1	5	2	1	1	1	1	2	68
	Social Studies	Zone (V)	5	2	1	1	1	0	0	0	0	1	0	0	0	11
		Zone (VI)	10	4	1	2	1	1	1	1	1	1	0	0	1	23
		Total		263	90	37	48	43	12	34	18	14	10	5	18	592

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.

<u>STATE BANKGROUP</u>	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	<u>LIST – C</u>
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	<u>LIST – B</u>	3.Bank of Bahrain and Kuwait
6. State Bank of Travancore	11. ING Vysya Bank	1.Canara Bank	4.Citi Bank
<u>LIST - A</u>	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		

CHANNEL	AMOUNT RS.	PRICING IN RS.
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
Debit Card		
All Banks (Master/Mastreo/Visa/Rupay)	Up to 2000/-	0.75 % of the transaction amount + Taxes
	2001/- & above	1.00% of the transaction +Taxes
Credit card (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 the post of Trained Graduate Teacher in Residential Educational Institution Societies****Preliminary (Screening Test)
Scheme of Examination**

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper	General Studies, General Abilities and Basic Proficiency in English	150	150	150

Syllabus**Paper: General Studies, General Abilities and Basic Proficiency In English****Section-I: General Studies**

1. Current Affairs – Regional, National & International.
2. Indian Constitution; Indian Political System; Governance and Public Policy.
3. Social Exclusion; Rights issues such as Gender, Caste, Tribe, Disability etc.and inclusive policies.
4. Society Culture, Civilization Heritage, Arts and Literature of India and Telangana
5. General Science; India's Achievements in Science and Technology
6. Environmental Issues; Disaster Management- Prevention and Mitigation Strategies and Sustainable Development.
7. Economic and Social Development of India and Telangana.
8. Socio-economic, Political and Cultural History of Telangana with special emphasis on Telangana Statehood Movement and formation of Telangana state.

Section-II: General Abilities

9. Analytical Abilities: Logical Reasoning and Data Interpretation.
10. Moral Values and Professional Ethics in Education.
11. Teaching Aptitude

Section – III: Basic Proficiency in English

i) School Level English Grammar:

Articles; Tense; Noun & Pronouns; Adjectives; Adverbs; Verbs; Modals; Subject-Verb Agreement; Non-Finites; reported speech; Degrees of Comparison; Active and Passive Voice; Prepositions; Conjunctions; Conditionals.

ii) Vocabulary:

Synonyms and Antonyms; Phrasal Verbs; Related Pair of Words; Idioms and Phrases; Proverbs.

iii) Words and Sentences :

Use of Words ; Choosing Appropriate words and Words often Confused; Sentence Arrangement, Completion, Fillers and Improvement; Transformation of Sentences ; Comprehension; Punctuation; Spelling Test; Spotting of Errors.

**Scheme of Main Examination for the post of Trained Graduate
Teacher in Residential Educational Institution Societies**

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper – I	Pedagogy of Concerned	150	150	150
Paper – II	Subject Discipline Knowledge/Concerned Subject	150	150	150
			Total	300

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

PAPER-I : భాషాభోధన శాస్త్రం - తెలుగు

1. భాష : స్వభావం - ఉత్పత్తి ప్రథమ భాష, ద్వితీయ భాష, తృతీయ భాష; మాతృభాష: వివిధ వర్గాలు, వృత్తులవారి భాష.
2. భాషా బోధన మరియు అభ్యసనం : ఉద్దేశాలు, లక్ష్యాలు, అభ్యసన ప్రమాణాలు (సామర్థ్యాలు), విలువలు.
3. బాలబాలికల వికాసము : భాషాభోధన అభ్యసన మనో విజ్ఞానము - ముఖ్యభావనలు: పిల్లల భాషా సంపాదనా సిద్ధాంతాలు: భాష - ఆలోచన, సృజనాత్మకత.
4. భాషా విద్యా ప్రణాళిక : నిర్మాణం, వ్యవస్థీకరణము, అభివృద్ధి, పాఠ్యపుస్తకాల కూర్పు.
5. భాషా నైపుణ్యాలు మరియు భోధన నైపుణ్యాలు : తరగతిలో ప్రతిభాయుత భోధన అభ్యసన ప్రణాళిక రచన, నిర్వహణ; అభ్యసనానుభవాల కల్పన.
6. భాషా భోధన : పద్ధతులు, వ్యూహాలు (పాఠశాల స్థాయి పాఠ్యాంశాలను దృష్టియందుంచుకొని) గద్యం - పద్యం - నాటిక (సంభాషణ), కథ - వ్యాసం మొదలగు ప్రక్రియల భోధన.
7. భోధన మరియు అభ్యసన వనరులు : భాషా భోధన సామగ్రి ఆకృతీకరణ; భాషా ప్రయోగశాల; భోధనోపకరణాలు; ఒక వనరుగా పాఠ్యపుస్తకం; భాష భోధన అభ్యసనాల్లో కంప్యూటర్ సాంకేతికత (ICT) వినియోగం; సహపాఠ్య కార్యక్రమాలు.
8. భాషా విషయక మాపనము - మూల్యాంకనము : నిరంతర సమగ్ర మూల్యాంకనము - మూల్యాంకనా సాధనాలు - వ్యూహాలు, ఉపలబ్ధి మరియు లోప నిర్ధారణనికషలు.
9. అభ్యసన వైకల్యాలు - ప్రత్యేక అవసరాలు గల పిల్లల భాషాభ్యసనం.
10. నిత్య జీవితంలో భాషా వినియోగం - భాష సమస్యలు, భాషావిధానాలు మరియు జాతీయ, రాష్ట్రస్థాయి విద్యా ప్రణాళికా చట్టాలు (పాఠశాల స్థాయి).

Paper –II : తెలుగు భాషా సాహిత్యాలు
(Telugu Language & Literature)

విషయ ప్రణాళిక

- 1 కవులు, రచయితలు, రచనలు: బిరుదులు - పురస్కారాలు: ఇతివృత్తాలు, సందర్భ నేపథ్యాలు - పాత్రలు, విశేషాంశాలు
- 2 సాహిత్య ప్రక్రియలు - నిర్వచనాలు - లక్షణాలు
 - A. పద్య ప్రక్రియలు :- ఇతిహాసం - పురాణం - ప్రబంధం, కావ్యం (ఖండకావ్యం) శతకం - గేయం - ఆశువు (అవధానం) మొదలైనవి
 - B. రూపక ప్రక్రియలు- నాటకం /నాటిక, యక్షగానం, బుర్రకథ %--% సంభాషణ, మొదలైనవి
3. సాహిత్య ప్రక్రియలు - నిర్వచనాలు - లక్షణాలు, వచన (గద్య) ప్రక్రియలు -కథ /కథానిక/ గల్పిక, నవల /నవలిక, లేఖ, వ్యాసం, జీవితచరిత్ర, ఆత్మకథ (స్వీయచరిత్ర), యాత్రాచరిత్ర,పీఠిక - విమర్శ - సమీక్ష- వచన కవిత - నిబద్ధ కవిత (ఉదా:నానీలు, గజకృ - రుబాయిలు)అనిబద్ధ వచన కవిత సంపాదకీయం, వార్త, వ్యాఖ్య, మొదలైనవి.
4. ఆధునిక సాహిత్యం - ధోరణులు - ఉద్యమాలు: భావ కవిత్వం, అభ్యుదయ కవిత్వం, విప్లవ కవిత్వం, దిగంబర కవిత్వం, స్త్రీవాద కవిత్వం, మైనారిటీ వాద కవిత్వం అనుభూతివాద కవిత్వం, జాతీయోద్యమ కవిత్వం, ఆంధ్రోద్యమ కవిత్వం, తెలంగాణ ఉద్యమ కవిత్వం.
5. తెలుగు భాషా సాహిత్యాలపై ఇతర భాషల ప్రభావం
 - అ). సంస్కృతం, ఆంగ్లం - ఉర్దూ - పారశీకం మొదలైనవి
 - ఆ). భాషా శాస్త్రం ఆవిర్భావ వికాసాలు మౌళిక భావనలు
6. భాషా రూపాలు :

శాసన భాష, గ్రాంథికభాష, వ్యవహారిక భాష, మాండలిక భాష, ప్రామాణిక భాష, ప్రసారమాధ్యమాల భాష, వైయక్తిక భాష , ఇంటి (కుటుంబ) భాష, పరిసరాల భాష, భాషా వినియోగ సందర్భాలు, భాషా ప్రాధాన్యత, తెలుగు భాషా ప్రాచీనత, భాషా పరి రక్షణ, అభివృద్ధి చర్యలు, భాషా పరి రక్షణ , అభివృద్ధి సంస్థలు.
7. భాషాంశాలు భాషోచ్ఛారణ, ధ్వని, ధ్వన్యత్పత్తి స్థానాలు, అక్షరం, లిపి, లిపిపరిణామం: పదం, ప్రాతిపదిక, ప్రత్యయం: అర్థం - అర్థ విపరిణామం, తత్పమం, తద్భవం, దేశ్యం, గ్రామ్యం -అన్యదేశ్యం నానార్థాలు, పర్యాయ పదాలు, వ్యుత్పత్త్యర్థాలు, ప్రకృతి, వికృతులు, వాక్యం వాక్యభేదాలు- తెలుగు వాక్యం ప్రత్యేకతలు, సంధులు, సమాసాలు, ఛందస్సు అలంకారాలు, వ్యాకరణ పరిభాష.
8. జానపద సాహిత్యం
9. పఠానావగాహనం (గద్యం)
10. పఠానావగాహనం (పద్యం)

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I: Pedagogy of English Language

1. The Nature of language and its Historical Development ; First Language; Second Language and Third Language ; Different Types of Languages; Mother Tongue; Languages of Different Professions; Importance of languages across School Curriculum; Contributions of Creative Writers.
2. Values, Aims and Objectives of Teaching Languages
3. Child Development; Psychology of Teaching and Learning Languages; Language, Thinking and Creativity.
4. Language Curriculum : Construction ,Organization and Development
5. Language Skills; Planning for Effective Instruction in Language Classrooms: Different Plans and Designing Learning Experiences.
6. Approaches, Methods and Techniques of Teaching Languages with special reference to School Content (Prose/Fiction /Poetry/Drama/Essay)
7. Teaching and Learning Resources and Designing Instructional Material for Languages; Language Labs; Teaching Aids ; Textbooks; ICT in Language Teaching and Learning
8. Measurement and Evaluation in Languages: Continuous and Comprehensive Evaluation (CCE); Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
9. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Languages
10. Language and Everyday Life; Language Issues and Policies. National and State Curriculum frameworks.

Paper –II: English Language & Literature

Part-A

- I. Reading Comprehension of unseen passage.
- II. Grammar and Vocabulary.
 - 1) Parts of Speech; 2) Subject and predicate; 3) Types of sentences – Transformations; 4) Conjunctions (Linkers; connectors; cohesive devices) ; 5) Verbs (Regular and Irregular) and modals; 6) Tense and Time; 7) Prepositions; 8) Adverbs – types and their order in sentences; 9) Adjectives including Degrees of Comparison and also Quantifiers; 10) Articles – Determiners. 11) Clauses; (Noun Clauses – Adjective clauses; adverbial clauses); 12) Voice; 13) Direct and Indirect Speech; 14) Infinitives; gerunds; participles ; 15) Phrasal verbs ; Idioms ; prepositional phrases ; (Noun phrases; verb phrases; adverbial phrases); 16) Forming Questions and Question Tags.; 17) Correction of Sentences.; 18) Figures of Speech; 19) Antonyms; 20) Synonyms; 21) Homophones; 22) Homonyms ; 23) Affixation; 24) Spelling; 25) Vocabulary in context; 26) Proverbs ; 27) One word substitutes; 28) Composition: Paragraph, essay, expansion, précis, Letter writing, message, notice, article and report writing.
- III. Aspects of pronunciation:
 1. Vowel and consonant Sounds and phonemes
 2. Stress: word and sentence stress.
 3. Intonation: Four basic patterns of intonation.

IV. Punctuation.

PART-B

Literature:

- I) Comprehension of
 - 1) Literary prose passage and
 - 2) A poem
- II) Study of Literary forms:
 - 1) Poetry: Sonnet, ode, elegy, Ballad, Lyric, Dramatic Monologue
 - 2) Prose:
 - a) Drama (Structure, Characters, dialogues, Soliloquy, tragedy, comedy, Tragi-comedy)
 - b) Fiction: - (point of view, setting atmosphere; style; Technique of Narration.)
 - c) Essay Detailed study of English Literature from 1798 to 1900 with special reference to Wordsworth, S.T. Coleridge, John Keats, Shelly, Lord Byron, Charles Lamb, Charles Dickens, William Hazlitt, Alfred Lord Tennyson, Robert Browning, Mathew Arnold, George Eliot, Thomas Carlyle and John Ruskin.

III. Poetry

Name of the Poet	Title
Sarojini Naidu	In The Bazaars of Hyderabad
Rw Emerson	A Nation's Strength
RL.Stevenson	My Shadow
Alfred Tennyson	Home They Brought Her Warrior Dead
Elizabeth Barrett Browning	The Cry of Children
Rabindranath Tagore	My Mother; Freedom.

C A Bowels	The River
Gabriel Okara	Once Upon A Time
Medora Chevalier	Or Will The Dreamer Awake?
Dr. SurayaNasim	Abandoned
Khalil Gibran	On Friendship
Shiv K.Kumar	Mother's Day
William Wordsworth	Anecdote For Fathers
Edwar Lear	The Duck And The Kangaroo
Harry Behn	Trees
Lily Usher	Grabbing Everything On The Land
HarindranathChatopadhyaya	The Earthen Goblet
Don Marquis	A Spider And A Fly

Prose

Name of the Essayist/ Writer/Novelist	Title
APJ Kalam	Wings Of Fire
RK.Narayan	Swami And Friends
Charles Dickens	Oliver Twist
Jonathan Swift	Gulliver Travels
Sudha Murthy	1.Gender Bias 2. How I Taught My Grandmother ToRead And Other Stories
Isaac Asimov	Robots And People
O.Henry	After Twenty Years
R.K. Laxman	The Gold Frame
E.V.Lucas	The Face On The Wall
Oscar Wilde	The Nightingale And The Rose
Satyajit Ray	BepinChoudhury's Lapse of Memory
A.G. Gardiner	On Umbrella Morals
Stephen Leacock	How To Live To Be 200
George Orwell	Animal Farm

Drama / Play

Name of the Writer	Title
J.B. Priestley	Mother's Day
William Stanley Houghton	The Dear Departed
Cedric Mount	The Never Never Nest
Fritz Karinthy	The Refund
G.B.Shaw	Saint Joan
Shakespeare	Julius Caesar

The Candidates are expected to have a thorough knowledge of the above mentioned poets, essayists, novelists and dramatists and their respective works mentioned at the level that is expected of a student of literature.

**Main Examination Syllabus for the post of Trained Graduate Teacher
in Residential Educational Institution Societies**

Paper – I: Pedagogy of Hindi Language

हिन्दी भाषा शिक्षण

1. भाषा की प्रकृति: भाषा का ऐतिहासिक विकास; विभिन्न प्रकार की भाषाएँ : मातृ भाषा; प्रथम भाषा; द्वितीय भाषा; तृतीय भाषा; पाठशाला पाठ्यक्रम में भाषाओं का महत्व; विभिन्न व्यवसायों से जुड़ी भाषाएँ; रचनात्मक लेखकों का योगदान
2. भाषा शिक्षण: मूल्य; लक्ष्य और उद्देश्य; अधिगम सामर्थ्यता (वर्तमान पाठ्यपुस्तकों के आधार पर)
3. बालक का विकास; भाषा शिक्षण और अधिगम का मनोविज्ञान; भाषा विचारधारा और रचनात्मकता।
4. भाषा पाठ्यक्रम : निर्माण; संगठन और विकास
5. पाठशाला विषय वस्तु (गद्य / उपन्यास/ पद्य/ नाटक/ निबंध, आदि) के विशिष्ट संदर्भ में भाषा शिक्षण की विधियाँ; प्रणालियाँ; उपागम
6. भाषा कौशल; अध्यापन क्षमताएँ भाषा कक्षा में प्रभावी शिक्षण हेतु नियोजन; विभिन्न योजनाएँ तथा अधिगम - अनुभवों की अभिकल्पना।
7. भाषा अधिगम के संसाधन तथा भाषा शिक्षण सामग्री की रूपरेखा; भाषा प्रयोगशाला; शिक्षण सामग्री; पाठ्यपुस्तक; भाषा शिक्षण- अधिगम में सूचना एवं संचार प्रौद्योगिकी।
8. भाषा: मापन और मूल्यांकन ; निरंतर समग्र मूल्यांकन (CCE); मूल्यांकन: उपकरण और प्रविधियाँ; उपलब्धि परीक्षण; निदानात्मक परीक्षण।
9. अधिगम अक्षमता: असाधारण / अक्षम बच्चों (Children with disability) के लिए भाषा की शिक्षा एवं कठिनाईयाँ।
10. भाषा और दैनिक जीवन; भाषा संबंधी मुद्दे एवं नीतियाँ; विद्यालयीन राष्ट्रीय एवं राज्य पाठ्यचर्या की रूपरेखाएँ।

Paper –II: Hindi Language & Literature

Unit-1 : साहित्यिक विधाएँ और विशेषताएँ

- हिन्दी गद्य का विकास
- उपन्यास, कहानी, निबंध, एकांकी/नाटक, यात्रा-वृतांत, दैनिकी, संस्मरण,
- रेखाचित्र, आत्मकथा/जीवनी

Unit-2 : प्राचीन और मध्यकाल

- कवि और उनके काव्य
- विभिन्न प्रवृत्तियाँ और वाद

Unit-3 : आधुनिक काल

- कवि और काव्य
- विभिन्न प्रवृत्तियाँ और वाद

Unit-4 : हिन्दी भाषा पर अन्य साहित्य/ भाषाओं का प्रभाव

Unit-5 : हिन्दी भाषा- उपभाषाएँ और बोलियाँ

Unit-6 : हिन्दी भाषा साहित्य में काव्य शास्त्र-छंद, अलंकार और रस-सिद्धान्त

Unit-7 : भाषा तत्व और व्याकरण

- शब्द-विचार, शब्द-भेद
- शब्द-विचार-उपसर्ग, प्रत्यय
- शब्द भेद-लिंग, वचन, कारक, काल
- शब्द-रूपान्तर-शब्द-अर्थ, भिन्नार्थ, पर्याय, विलोम

- शब्द-परिचय-तत्सम, तद्भाव, देशज, विदेशी
- वाक्य-संरचना/भेद
- वाच्य
- संधि, समास
- मुहावरें-लोकोक्तियाँ, कहावतें
- वर्तनी
- विशिष्ट प्रयोग-जैसे (चाहिए, अपना...)

Unit-8 : व्याकरण

- भाषा- भाग
- परिभाषाएँ
- उदाहरण
- प्रयोजन

Unit-9 : अनुवाद

- आवश्यकता और महत्व
- प्रकार
- हिन्दी और तेलुगु भाषाओं के व्याकरण का तुलनात्मक अध्ययन

Unit-10 : पाठ्य-पुस्तक आधारित

- कवि/लेखक की रचनाएँ
- विषय-वस्तु
- पृष्ठ-भूमि
- चरित्र-चित्रण
- भाषा-शैली

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I : Pedagogy of Urdu Language

اردو زبان کی تدریس / تدریسی لائحہ عمل / تدریس کے اصول (Pedagogy of Urdu Language)

- I زبان کی نوعیت اور اس کا تاریخی ارتقائی عمل: زبان اول
نکشیہ دوسری زبان و تیسری زبان۔ زبانوں کے مختلف اقسام
مادری زبان۔ مختلف پیشوں سے متعلقہ زبانیں۔ مدرسہ کے نصاب میں
زبانوں کی اہمیت۔ تخلیق کار مہینہ فہم کا حصہ
- II تدریس زبان کے اقدار۔ مدعا اور مقاصد
- III بچے کی نشوونما۔ زبانوں کی نفسیاتی تدریس اور کتاب ریکھنا۔ زبان۔
غور و فکر (سوچنا) اور اختراعیت
- IV نصاب زبان۔ نصاب کی تدوین۔ نصاب کی تنظیم اور نصاب کا فروغ
- V زبان کی مہارتیں۔ زبان کی جماعتوں میں موثر ہدایات کی منصوبہ بندی۔
مختلف منصوبے (پلان) اور تدریسی تجربات کے نمونے
- VI تناظر/انداز۔ مدرسہ کے تدریسی مواد کے خصوصی حوالہ سے تدریس زبانوں
کے مختلف انداز رسائی۔ تدریسی طریقے اور تدریسی تکنیک۔
(نثر / داستان / شاعری / ڈرامہ / مضمون نگاری)
- VII تدریسی۔ اکتسابی وسائل اکتسابی وسائل اور زبانوں کے واسطے ہدایاتی
مواد کے ڈیزائن تیار کرنا۔ اردو زبان کی لیبارٹری۔ تدریسی امدادی وسائل (توضیحات)
درسی کتب زبان کی تدریس اور کتاب میں ICT (انفارمیشن اور کمیونیکیشن ٹکنالوجی)۔
- VIII زبانوں میں پیکہات اور جانچ
مسلل جامع جانچ (CCE) جانچ کے آلات اور تکنیک۔ حتمی آزمائشیں اور تشخیصی آزمائشیں

صفحہ نمبر ۲

IX اکتسابی معذوری یا عدم اہلیتیں راستگاری بچوں کی تعلیم اور درپیش مشکلات زبان میں معذور بچے

X زبان اور روزمرہ زندگی: زبان کے مسائل اور پالیسیاں قومی اور ریاستی نصاب کا فریم ورک
(اسکولی سطح تک)

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper –II : Urdu Language & Literature

- I ادیبوں اور شاعروں کی سوانح حیات، ادبی کارنامے اور انکے کرداروں کا جائزہ
(جماعت ہشتم۔ جماعت نہم۔ جماعت دہم)
جماعت انٹرمیڈیٹ، مندرجہ بالا جماعتوں کی درسی کتب میں دیئے گئے شعراء اور مصنفین کے بارے میں
تفصیل معلومات کا مطالعہ کیجئے)
- II اردو زبان و ادب کی ترقی کے مختلف ادوار دورِ صحفین اور دورِ جدید
- III زبان کی مختلف شکلیں
(دبستان دہلی، دبستان لکھنؤ، کئی زبان)
- IV اردو زبان پر دیگر زبانوں کے اثرات (پنجابی، ہندی، فارسی، انگریزی)
- V اصنافِ ادب کا مطالعہ
(نثر، نظم، غزل، قواعد، انشاء، مضمون نگاری، خطوط نگاری، خاکہ نگاری، انشائیہ مشق، زبانی، مرثیہ، قصیدہ،
دوہے، مایہ قطعہ)
- VI اردو کے اسالیب
(مختلف مصنفین کے طرزِ اسالیب)
- VII اردو زبان کی حیثیتیں
(مادری زبان، دوسری زبان، سرکاری زبان، قومی زبان، رابطہ کی زبان، تحریری زبان، علامتوں کی
زبان، اشاروں کی زبان)
- VIII اردو زبان کے عناصر
(قواعد، مستقل کلمہ، غیر مستقل کلمہ، لکے، اقسام، جملہ، جملے کے اقسام
الفاظ، منفرود مرکب، الفاظ
سابقہ، لاحقہ
ماورے، خبر، لفظ، اسم، زوائد، قاف
شائع، وپائع
تلفظ، مخارج، اصناف)
- IX ترجمہ اور تفسیر
- X جانچ۔ امتحان کے اقسام، موضوعی اور معروضی سبب کی خصوصیات، مصروفی سبب کے اقسام، سلسلہ جامع
جانچ NCF 2005 قانون جن تعلیم اکیڈمی کے مطابق

**Paper – I: संस्कृतम् – भाषाबोधनशास्त्रम्
(Pedagogy of Sanskrit Language)**

1. संस्कृतभाषायाः स्वरूपस्वभावाः—ऐतिहासिकविकासः— संस्कृते वैदिक-लौकिकभाषयोः भेदः – मातृभाषा-माध्यमभाषा-प्रथमभाषा-द्वितीयभाषा-तृतीयभाषात्वेन गृहभाषा-राज्यभाषा-राष्ट्रभाषात्वेन च संस्कृतम् , संविधाने संस्कृतभाषायाः प्राधान्यम् , शिक्षाक्षेत्रात् भिन्नक्षेत्रेषु संस्कृतम्, पाठशाला-पाठ्यक्रमे भाषाणां प्राधान्यम्-संस्कृतस्य पात्रम्, सर्जनात्मक-कवीनां संस्कृतं प्रति योगदानम्
2. संस्कृतभाषायाः बोधनस्य अभ्यसनस्य च उद्देश्यानि लक्ष्यानि मौल्यानि भाषा-कौशलानि च
3. संस्कृतभाषायाः बोधन-अभ्यसनयोः मनोवैज्ञानिकता - बालानां प्रगतिः – भाषासम्पादने सिद्धान्ताःभाषायां चिन्तनम् – सर्जनशीलता च
4. भाषा-विद्या-योजना(प्रणालिका)- निर्माणम् –निर्वहणम् – विकासः
5. भाषानैपुण्यानि बोधनानैपुण्यानि--भाषा-कक्ष्यायां प्रभावयुतबोधनाय अभ्यसन-पद्धतीनां विभिन्नयोजनाः-निर्वहणम् , अभ्यसनानुभवानां रचना च
6. पाठशालास्तरे पद्य-गद्य-कथा-रूपक(नाटक)-काव्यादीनां प्रक्रियाणां पाठने भाषाबोधनपद्धतयः
7. संस्कृतभाषायाः बोधनाभ्यसनयोः संसाधनानि, बोधनासामाग्नि-निर्माणम् , भाषाप्रयोगशाला, पाठ्योपकरणानि , भाषाध्ययने संसाधनत्वेन पाठ्यपुस्तकानि , भाषायाः बोधना-अभ्यसनयोः सङ्गणक-तन्त्रज्ञानविनियोगः च
8. भाषायाः प्रमाणानि (मौल्यमापनम्) मूल्याङ्कनम् च , निरन्तर-समग्र-मूल्याङ्कनम् , मूल्याङ्कनस्य साधनानि व्याहाः(कौशलानि) च , लक्ष्यसाधना-लोपनिर्धारणनिकाषाः
9. भाषाभ्यासे क्लेशाः – अभ्यसने विभिन्नकारणैः(वैकल्यादि)असमर्थच्छात्राणां भाषाभ्यासकरणस्य प्रक्रियाणाम् अध्ययनम्
10. नित्यजीवने संस्कृतभाषायाः उपयोगः – संस्कृतभाषाविकासे समस्याः – विविधभाषाविधानानि (त्रिभाषासूत्रम्...) – संस्कृतसंवर्धनाय विविध-आयोगाः(कमिषन्स्) – पाठशालास्तरे संस्कृतस्य विकासाय राज्यस्तरीय राष्ट्रिय विद्यायोजना चट्टाणि

Paper-II: Sanskrit

1. वैदिक साहित्यस्य परिचयः – संहिताः – ब्राह्मणानि- आरण्यकानि – उपनिषदः – वेदाङ्गाः च ।
2. रामायणमहाभारतयोः रचनाकालः –साहित्यिक शासकीय परिस्थितयः – आन्तरिक-संस्कृतसाहित्ये तयोः प्रभावः
3. भास-कालिदास-भारवि-श्रीहर्ष-भवभूति-हर्षचर्चन-विशाखदत्त-भट्टनारायण-दण्डि-वाणभद्र-शूद्रकादीनां कवीनां तेषां काव्यानां च परिचयः
4. संस्कृतसाहित्येतिहासः-महाकाव्य-लघुकाव्य-चारिभात्मककाव्य-गीतकाव्य-चम्पूकाव्य-गद्य-रूपक-कथाकाव्यादीनाम् उत्पत्तिः विकासः परिचयः
5. अलङ्काराणां लक्षणानि –उदाहरणानि च । रूपक-उत्प्रेक्ष-अतिशयोक्ति-सन्देह-भ्रान्तिमान् –समासोक्ति-अप्रस्तुतप्रशंसा-दीपक-तुल्ययोगिता-अर्थान्तरन्यास-दृष्टान्त-काव्यलिङ्ग-अनन्वय-स्वभावोक्ति-अलङ्काराः
6. व्याकरणम् –
 - अ) शब्दाः-अजन्त-हलन्त-सर्वनामशब्दाः त्रिषुलिङ्गेषु
 - आ) धातवः(लकाराः)-लट्-लिट्-लृट्-लोट्-लङ्-विधिलिङ् (परस्मैपदि-आत्मनेपदिषु)
 - इ) पदानां प्रातिपदिकम्-लिङ्गज्ञानं-अर्थः-व्युत्पत्तिः-विवरणम्-तिरुद्धपदानि-समानार्थकपदानि-पर्यायपदानि-नानार्थाः
 - ई) वाक्यानां निर्माणम् – क्रमलेखनम् –पदानाम् आधारेण स्वीयवाक्यलेखनम् – वाक्यशुद्धीकरणम् – वाक्यानुवादः – वाक्यपरिवर्तनम् – कालपरिवर्तनम् – वचनपरिवर्तनम् – विशेषणावेशेष्यौ च ।
 - उ) उपसर्गाः – धातूनां प्रकृति प्रत्यय चिन्तनम्
 - ऊ) कारकाणि तेषां नियमाः
 - ऋ) प्रत्ययाः
 - ॠ) प्रयोगपरिवर्तनम् (वाच्यपरिवर्तनम्)
 - ॡ) अपरिचित-पद्य-गद्ययोः अन्वयसामर्थ्यम्
7. सन्धिः – अच् सन्धयः , हल् सन्धयः , विसर्गसन्धिः
8. समासाः – अव्ययीभाव-तत्पुरुष-द्वन्द्व-बहुव्रीहि-समासाः (अन्तर्गतप्रभेदैः सह)
9. छन्दः – वृत्तानि –वंशस्थम् – इन्द्रवज्रा – उपेन्द्रवज्रा – भुजङ्गप्रयात्तम् – मन्दाक्रान्ता –शिखरिणी-शार्दूलविक्रीडितम् – सन्धरा – वसन्ततिलकम् – अनुष्टुप् ।
10. भाषाशास्त्रम् – भाषायाः उत्पत्तिः -धन्युत्पत्तिः -धन्युत्पत्तिस्थानम्- भाषाणां वर्गीकरणं – इण्डोयूरोपियन् वर्गः –सतम् काण्टम् वर्गौ –ध्वनिविपरिणामः-अर्थविपरिणामः-तेषां कारणानि

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I: Pedagogy of Mathematics

1. The Nature of Mathematics and its Historical Development including the contributions of important Mathematicians given in the school textbooks. Importance of Mathematics in School Curriculum
2. Values, Aims and Objectives of Teaching Mathematics
3. Child Development; Psychology of Teaching and Learning Mathematics
4. Mathematics Curriculum: Construction, Organization and Development
5. Approaches, Methods and Techniques of Teaching Mathematics with special reference to Arithmetic, Algebra, Geometry and Trigonometry
6. Planning for Effective Instruction in Mathematics: Different Plans and Designing Learning Experiences.
7. Learning Resources and Designing Instructional Material in Mathematics; Mathematics Labs; Teaching Aids; Textbooks; ICT in Mathematics.
8. Measurement and Evaluation in Mathematics: Continuous and Comprehensive Evaluation (CCE); Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
9. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Mathematics
10. Mathematics and Everyday Life; Non-formal Mathematics Education.

Paper-II: Mathematics

1. Number System-I: Counting of Numbers; Fundamental Operations; Types of Numbers; Real Numbers; Mathematical Units and Conversions; Utility of Euclid division lemma, Problems on surds; Divisibility rules their possible remainders, Pythagorean triplets; Using alphabet in place of digit in divisibility rules, missing numbers; Prime and composite, even and odd numbers, need and applications of fundamental theorem of arithmetic, difference between factors and multiples and prime factors-LCM and HCF; Characteristics and importance in finding solutions to daily life situations (e.g.p).
2. Number System-II: Patterns of numbers; Progressions- A.P. and G.P- relating to daily life situations; Building the relation between numbers and graphical representations; Squares – Square root, Cube-Cube root; Ratio, Golden Ratio, Compound Ratio, Inverse Ratio, Addition and Subtraction of equal Ratios; Proportion – Direct and inverse; Fractions (Numerator and denominator); Applications on the above.
3. Percentages in daily life situations and SETS :Profit and loss, Discount ; Simple interest and Compound interest, VAT and their applications ; Sets-Concept in building a set and rationale; types of sets; Operations on sets Venn Diagrams and related daily life problems.

Sets- Compliment, properties on operations and cardinality Series; Complex numbers and its fundamental operations; Conjugates; Fundamental principle of counting (Linear and Circular) Combinations and related to daily life problems. Modulus of a Real Number and absolute value. Types of statements and proofs, quantifiers; Tautology and contradictions.
4. Fundamentals of Algebra; Linear expressions and equations in one & two variables Pairs linear equations in two variables; Basic Operations on Algebraic

expressions –Laws and properties of exponents; Factorization; Special products; Operations on Polynomials and Factorization; Quadratic expressions and equations. Logarithms and their use.

Graphical Representations /Mathematical Induction/ Quadratic Expressions/ Linear Programming / Determinants/ Matrices :Relation between two variables and their graphical representation, basic ideas related to function and respective theorems, types of functions ; Mathematical induction, problems on divisibility using principle of Mathematical Induction; Quadratic expressions – change in sign, maxima and minima values; Basis concepts of linear programming problems; Binomial theorem and approximations. Order of Matrix; Properties of Determinants of Matrices and solving of equations.

5. Geometry: Fundamental concepts; Contextual situations, basic ideas like point , line, ray, lines segment, angle, plane , curve, circle etc., and related terminology; Relations between lines and angles; Lines of a plane and their properties; Axioms , postulates, Euclid axioms, historical back ground, non-Euclidean geometry; Types and Properties of Geometrical figures; Types and Properties of triangle, quadrilateral, Polygon etc.,; Properties of Circle and Parts of Circles; Comparison of Geometrical figures – Congruency, Similarity etc.,; BPT, Pythagoras, Theorems applications; Relations between Circles and Lines; Areas of Geometrical Figures – Related theorems; Practical Geometry; Basic constructions, Constructions of Triangles, Quadrilaterals, Circles, Similar triangles, Tangents to Circles and related problems.
6. Co-ordinate Geometry: Basic concepts, dividing a line segment in the given ratio and its usage in different situations, slope of a line, distance between two points, area of triangles, Quadrilaterals and Collinearity of points.
7. Concept of locus; Straight line – different forms of straight line and conversions; Angle between two lines; Length of perpendicular from a point to a line; Distance between two parallel lines; Circle Equation – standard form, center and radius; Position of a point in plane of circle; Relative positions of two circles – Transformation of Axes- 3-D Geometry-DR's and DC's and Cartesian equation of a plane. Conic Section.
8. Mensuration: Plane figures ; Need and importance of Area and Perimeter of different triangles, quadrilaterals, polygons , circles, ring etc., in daily life; Solid figures ; Need and importance of CSA, TSA and volume of prism, cube, cuboids, pyramid, cylinder, cone, sphere, hemisphere; Conversions from one solid to another; Problems with combination of solids (not more than three) in daily life; Conversions- 3-D figures and 2-D figures.
9. Statistics and Probability :Data handling : Types and representation of data; Measure of central tendency of ungrouped and grouped data specific usages; Presentation of data – different graphs and related problems ; Probability Basic concepts, outcomes and chances; Events – mutually exclusive, possible and impossible, complementary; Applications of probability Measures of dispersions – Range, Q.D, M.D, S.D. ; Coefficient of variation; Probability- Random experiments and events (Independent and Dependent); Addition and multiplication theorems of probability; Random variables. Axiomatic approach.
10. Trigonometry :Basic concepts; Trigonometric ratios; Trigonometric values for specific angles; Complementary angles; Trigonometric Identities; Conversions of Trigonometric ratios – Trigonometric transformations - Heights and distances; Trigonometric ratios of compound angles; Properties of triangles – relation between sides and angles of a triangles – Inverse trigonometric functions. Multiples and submultiples – Trigonometric expansions.

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I : Pedagogy of Physical Sciences

1. The Nature of Physical Sciences and its Historical Development including the contributions of important Physicists and Chemists given in the school textbooks. Importance of Physical Sciences in School Curriculum
2. Values, Aims and Objectives of Teaching Physical Sciences
3. Child Development; Psychology of Teaching and Learning Physical Sciences
4. Physical Sciences Curriculum : Construction ,Organization and Development
5. Approaches, Methods and Techniques of Teaching Physical Sciences with special reference to Measurement, units and dimensions; Natural Resources, Our Universe; Natural Phenomenon (Light; Heat; and Sound); Mechanics; Magnetism; Electricity and Electro Magnetism ;Modern Physics; Electronics and Communication; Matter; Chemical Reactions; Acids and Bases; Atomic Structure; Periodic Classification of Elements; Chemical Bonding; Carbon and its Compounds; and Metallurgy; Environmental Chemistry
6. Planning for Effective Instruction in Physical Sciences: Different Plans and Designing Learning Experiences.
7. Learning Resources and Designing Instructional Material in Physical Sciences; Physical Science Labs; Teaching Aids ; Textbooks; ICT in Physical Sciences
8. Measurement and Evaluation in Physical Sciences : Continuous and Comprehensive Evaluation (CCE) ; Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
9. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Physical Sciences
10. Physical Sciences and Everyday Life; Non-formal Physical Sciences Education.

Paper-II: Physical Sciences

I. Measurements, Units and Dimensions:

Need of measurement in daily life. systems of units. Units and dimensions, Significance of accuracy in measurement. Measuring instruments; Types of errors in measurements - mean absolute relative percentage errors; Fundamental and derived physical quantities. Rules for writing units in SI, derived units SI, Multiples and submultiples of SI units; Dimensional formulae and dimensional equations, dimensionless quantities; principle of homogeneity of dimensions. Application of dimensional analysis.

II. Natural Resources – Air and Water:

Composition of air, atmospheric pressure, the consequences of air pollution, ways to reduce air pollution. Winds, cyclones, natural calamities and management of their bad consequences, Composition of water, water cycle, change of phase, Latent Heat. Forms of water in atmosphere, boiling, melting, water pollution and hardness of water. How to handle the shortage of drinking water? Methods of increasing ground water levels.

III. Our Universe:

Need to develop the Habit of Night sky observation, How to differentiate constellations with zodiac signs, study of solar system, different laws pertaining to the motion of celestial bodies and ways of measuring the distances in space. Principles of launching of satellites and their applications in day to day life.

IV Natural Phenomenon:

i. Light: Nature of light, Theories of light, Fermat principle, Reflection – its laws. Image formation in plane and spherical mirrors. Rules for Ray diagrams and Formula for spherical mirrors – focal length and sign convention. Application of mirrors. Properties of Light and Laws; Electro Magnetic spectra,

ii. Heat: Heat as energy- sources of heat, Transmission of heat, Expansion of solids, liquids and gases. Temperature (based on thermal equilibrium), Different Scales of Temperature-measurement Different type of Thermometers and their construction. Calorimetry, Applications of Specific heat, Latent heat. Anomalous expansion of water and its significance in nature. Combustion, Calorific value, specific heat of gases.

iii. Sound: Sources of sound. Noise and music. Musical instruments. Propagation of sound. Velocity of sound in different media / substances. Characteristics of sound. Structure of human ear – in Auditory aspect. Reflection of sound, echo, Resonance, Sonar and Doppler effect. Simple Harmonic Motion.

V. Mechanics:

Application of Simple Machines in daily life situations. Scalars and Vectors. Free Body Diagram. All types of motion. Different types of Forces. Different types of frictions and effects of friction. Newton's laws of motion. Momentum. Equations of motion (under gravity and freely falling), projectile. Range. Laws of Floatation. Different laws of fluids. Different types of Energies. Conservation of energy, Work and Power. Work energy theorem. Center of mass. Centre of gravity for regular and irregular objects. Stability and Equilibrium. Universal law of Gravitation. Relation between 'g' and 'G'. Circular motion, Frame of reference, Kepler's Laws. Elasticity and Hooke's Law

VI. Magnetism:

Types of Magnets, Identification of Magnetic and Non-magnetic substances, magnetic field, Uniform and non uniform magnetic fields. Magnetic induction. Magnetic lines of force. Terrestrial magnetism – Terrestrial magnetic field. Geo magnetism. Uses of Magnetism; Dip, Declination Magnetic pole strength, Magnetic moment. Inverse square law of magnetism. Magnetic properties of materials and their classification. Domine theory.

VII. Electricity & Electro Magnetism:

Electric charge, field, electric intensity, electric potential, potential difference. Simple Electric Circuits and precautionary measures. House hold circuits. Conductors, Non conductors / Insulators, Coulomb's inverse square law. Primary and secondary Cells. Ohm's Law - its limitations. Resistances in series and parallel, Emf of a circuit; Specific resistance. Kirchhoff's laws. Relation between electric potential and Electric energy, electric Power (wattage), House hold and Industrial power saving. Heating effect of electric current, and Joule's law. Lighting and Working of lightning conductor, Prevention and control of damage due to lightning. Earthing in electrical appliances. Magnetic field due to currents carrying wire, Ampere's law, circular loop and Solenoid. Magnetic force on moving charged particle and long straight conductors. Fleming's left hand rule, Electric motor. Electromagnetic induction – Faraday's law Electromagnetic flux. Lenz law, Generators and Alternating Currents. Inductance – self, mutual inductance and principles of transformer.

VIII. Modern Physics:

Discharge of Electricity through gases, Discharge tube phenomena, Cathode rays, Properties of Cathode rays, Anode rays and their properties; X-rays; Atomic models: JJ Thomson, Rutherford and Bohr's models. Atomic nucleus and its structure. Atomic models: Mass defect; Radio Activity- Discovery, properties of alpha, beta, and gamma radiations. Applications of alpha, beta, and gamma radiations, Radioactive transformations, alpha, beta decays, Half life period, Isotopes, Isobars, and Isotones.

Radioactive transmutation-artificial radioactivity; radio isotopes and their uses in different fields; radioactive series; Chain and controlled nuclear reactions; Fission and fusion of nuclei - atomic bomb and hydrogen bomb.

IX. Electronics and Communications:

Semi conductors – intrinsic and extrinsic; band theory; diode, p-n junction characteristics. Transistor – pnp & npn characteristics and uses. Zener Diode characteristics. Simple electronic circuits, Logic gates - applications. Importance of ICT

Block diagram of computer and its parts Input devices, process and output devices, applications of computers Communication: components of Communication. Basic terminology used in electronic communication system. Band width of transmission medium, propagation, modulation and demodulation.

X. Matter:

States of matter. Elements, Compounds and Mixtures. Methods of separation of mixtures. Chromatography. Behavior of gases; measurable properties of gases; gas laws. Mole concept. Dalton, Avogadro, Berzelius laws.

XI. Chemical Reactions:

Physical and chemical changes. Types of Chemical reactions; daily applications. Laboratory preparation of different gases. Physical and Chemical properties various compounds. Chemical calculations. Sources of common salt. Common salt – as a raw material for other chemicals (NaOH, Bleaching powder, baking soda, washing soda, and their uses, Plaster of Paris)

XII. Acids and Bases, Salts:

Preparation, properties, Strength and uses of Acids & Bases. Neutralization. Preparation, properties, nature and uses of different Salts. Water of crystallization. Complex, Neutral and double salts. Oxidation and Reduction, Rancidity. Identification of Acids, Bases–Indicators: Natural, Chemical. pH Scale - Role of pH in daily life-agriculture, medicine. Classification of salts based on affinity to water Examples of Acidic, Basic, Mixed, Complex, Neutral and double salts. Solutions - Types of solutions; solubility, ionization, Concentration; Oxidation number concept. Balancing of Redox reactions, Calculation of Concentrations. Titration and volumetric analysis. Stoichiometry.

XIII. Atomic Structure:

Electro magnetic spectrum, Atomic spectrum, Characteristics of electron, proton and neutron, Rutherford's model of an atom, nature of electromagnetic radiation, Planck's quantum mechanics, explanation of photo electric effect, features of atomic spectra, characteristics of hydrogen spectrum, Bohr's theory of structure of atom, Bohr's explanation of spectral lines, failure of Bohr's theory, wave particle nature of electrons, de Broglie's hypothesis, Heisenberg's uncertainty principle, important features of the Quantum mechanical model of an atom, Quantum numbers, concept of orbitals, define an atomic orbital in terms of quantum numbers-shapes of s, p and d orbitals, $n + l$ rule, Energies of electronic energy levels $(n + l)$ rule state Aufbau principle, Pauli's exclusive principle and Hund's rule of maximum multiplicity, electronic configuration of atom, explanation of stability of half filled and completely filled orbital.

XIV. Periodic Classification of Elements:

Need for arrangement of elements in an organized manner. Historical background of classification of elements Doberiner's Triads, Newland's law of Octaves. Mendeleev's Periodic Table (Achievements & Limitations). Mosley periodic table - based on electronic configuration. Characteristics of elements in groups and periods. The concept of grouping elements in accordance to their properties; the periodic law the significance of atomic number and electronic configuration as the basis per periodic classification. Classification of elements into s-block, p-block, d-block, f-block. and their main characteristics. Periodic trends in physical and chemical properties of elements. Study of different Groups of periodic table.

XV. Chemical Bonding:

Why do atoms combine? Electronic theory of Valence by Lewis and Kossel Octet Rule, Ionic and Covalent bonds: examples with Lewis Dot formulae Introduction of chemical bonding. Electronic Configuration of Noble gases. sigma, pi bond with examples. Shapes of molecules bond lengths and bond angles in molecules. Hybridization and explanation of H₂O, BF₃, CH₄, NH₃ etc. molecules. Hydrogen bonding and types of H-bonds.

XVI. Carbon and its Compounds:

Need to study of carbon compounds separately. Classification of Organic compounds Hydro carbons - Alkanes, alkenes, alkynes aromatic and aliphatic compounds with examples. Bonding in Carbon including Hybridization. Allotropes of Carbon. Versatile nature of carbon. Tetravalency, Chains, branches and rings. Catenation, Multiple

bonding, Isomerism. Saturated and Unsaturated carbon compounds. Bonding of carbon with other elements. Functional groups in carbon compounds. Homologous series. Chemical properties of carbon compounds Combustion and Oxidation. Addition reactions. Substitution reaction. Important carbon compounds. Nomenclature organic compounds. Carbohydrates and their classification. Proteins-examples, Oils and fats examples Polythene - Nylon, PVC, Polyvinyl alcohol; Rubber – uses in daily life. Polymers, and other important organic compounds.

XVII. Environmental Chemistry and Metallurgy

Different types of pollutions, acid rains, green chemistry, strategies to control environmental pollution. Occurrence of Metals. Minerals, Ores - Examples. Metallurgy - Processes involved in metallurgy. Extractions of metals – activity series and related metallurgy, flow chart of steps involved in the extraction of metals from ore. Refining metals, Electrolytic refining, Corrosion – Prevention of Corrosion. Alloys and their uses.

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I: Pedagogy of Biological Sciences

1. The Nature of Biological Sciences and its Historical Development including the contributions of important Biologists given in the school textbooks. Importance of Biological Sciences in School Curriculum
2. Values, Aims and Objectives of Teaching Biological Sciences
3. Child Development; Psychology of Teaching and Learning Biological Sciences
4. Biological Sciences Curriculum : Construction ,Organization and Development
5. Approaches, Methods and Techniques of Teaching Biological Sciences with special reference to Living World; Cell &Tissues; Plant World; Animal World; Our Environment ; Heredity &Genetics ; Evolution and Applied Biology
6. Planning for Effective Instruction in Biological Sciences: Different Plans and Designing Learning Experiences.
7. Learning Resources and Designing Instructional Material in Biological Sciences; Biological Science Labs; Teaching Aids ; Textbooks; ICT in Biological Sciences
8. Measurement and Evaluation in Biological Sciences: Continuous and Comprehensive Evaluation (CCE); Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
9. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Biological Sciences
10. Biological Sciences and Everyday Life; Non-formal Biological Sciences Education.

Paper-II: Biological Sciences

1. Biological Sciences: Its importance and human welfare, Branches of Biology, Biologists, Reputed Biological Institutions in India.
2. Living World: Life and its Characteristics, Classification of Living Organisms
Microbial World : Virus, Bacteria, Algae, Fungi and Protozoan, Useful and Harmful Micro-organisms.
3. Cell &Tissues: Cell - Structural and Functional unit of life. Prokaryotic and Eukaryotic Cell, Structure of Eukaryotic Cell, Cell Organelles, Biomolecules, Differences between Plant Cell and Animal Cell, Cell Division – Mitosis and Meiosis, Tissues – Structure, Functions and Types of Plant and Animal tissues.
4. Plant World: Morphology of a Typical Plant – Root, Stem, Leaf, Flower, Inflorescence, Fruit – their Structure, Types and Functions, Parts of a Flower, Modifications of Root, Stem and Leaf, Photosynthesis, Transpiration, Transportation (Ascent of Sap), Respiration, Excretion and Reproduction in Plants, Plant Hormones, Economic importance of Plants, Wild and Cultivated Plants, Agricultural Operations, Crop diseases and Control measures, Improvement in Crop yield, Storage, Preservation and Protection of Food and Plant Products.
5. Animal World: Organs and Organ Systems including man – Their Structure and Functions Digestive, Respiratory, Circulatory, Excretory, Nervous, Control and Co-ordination, Sensory perception and Reproduction, Need for reproductive health and prevention of STD, birth control- Need and methods of contraception and MTP, Amniocentesis, infertility and assisted reproductive technologies – IVF –ET – ZIFT, GIFT.
6. Sense Organs: Structure and Functions of Eye, Ear, Nose, Tongue and Skin. Nutrition in man – Digestion and absorption – Breathing and Respiration in humans - Nutrients and their functions, Balanced Diet, Deficiency diseases, Tropical diseases, Skin diseases, Blindness in man: Causes, Prevention and

Control, Health agencies, First Aid – Bites: Insect, Scorpion and Snakes. Wild and Domesticated Animals.

7. Our Environment: Abiotic and Biotic factors and Ecosystems, Natural Resources – Classification, Judicial use of Renewable, Non-renewable and Alternative Resources, Forests, Wild Life - Conservation, Sanctuaries, National Parks in India, Bio-Geochemical Cycles, Pollution – Air, Water, Soil and Sound, Global Environmental issues – Global Warming (Green House Effect), Acid Rains, Depletion of Ozone layer and scarcity of water.
8. Heredity and Genetics:- Mendel's laws of inheritance, Pleiotropy, Multiple alleles: Inheritance of blood groups and Rh-factor, dominance (Blood groups as example), Elementary idea of polygenic inheritance; Skin colour in humans (refer Sinnott, Dunn and Dobzhansky); Sex determination – in humans - Sex linked inheritance – Haemophilia, Color blindness; Mendelian disorders in humans: Thalassaemia, Haemophilia, Sickle celled anemia, cystic fibrosis PKU, Alkaptonuria; Chromosomal disorders – Down's syndrome, Turner's syndrome and Klinefelter syndrome; Genome, Human Genome Project and DNA Finger Printing. Gene Bank, Gene flow and genetic drift; Variations (mutations and genetic recombination).
9. Evolution: Origin of Life, Biological evolution and Evidences for biological evolution (paleontological, comparative anatomical, embryological and molecular evidences); Theories of evolution: Lamarckism, Darwin's theory of Evolution – Natural Selection, Mutation Theory of Hugo De Vries; Modern synthetic theory of Evolution – Hardy-Weinberg Law; Types of Natural Selection; Adaptive radiation – Human evolution; Speciation – Allopatric, sympatric; Reproductive isolation.
10. Applied Biology: Animal Husbandry: Apiculture, Pisciculture, Poultry management, Dairy management; Animal breeding; Bio-medical Technology: Diagnostic Imaging (X-ray, CT scan, MRI), ECG, EEG; Biotechnology – its importance for human welfare - Human insulin and vaccine production; Gene Therapy; Transgenic animals; ELISA: vaccines, MABs, Cancer biology, Stem Cells.

Scheme of Main Examination for the post of Trained Graduate Teacher (Science) in Residential Educational Institution Societies

Written Examination (Objective Type)		No. of Questions	Duration (Minutes)	Marks
Paper – I	Pedagogy of Science	150	150	150
Paper – II	Disciplinary Knowledge in Science	150	150	150
			Total	300

PAPER-I : Pedagogy of Science

- I. The Nature of Science and its Historical Development including the contributions of important Scientists given in the school textbooks. Importance of Sciences in School Curriculum;NCF-2005.
- II. Values, Aims and Objectives of Teaching Science
- III. Child Development; Psychology of Teaching and Learning Science
- IV. Science Curriculum : Construction ,Organization and Development
- V. Approaches, Methods and Techniques of Teaching Sciences with special reference to the topics given in the school textbooks
- VI. Planning for Effective Instruction in Sciences: Different Plans and Designing Learning Experiences.
- VII. Learning Resources and Designing Instructional Material in Sciences; Science Labs; Teaching Aids ; Textbooks; ICT in Sciences
- VIII. Measurement and Evaluation in Sciences : Continuous and Comprehensive Evaluation (CCE) ; Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
- IX. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Sciences
- X. Sciences and Everyday Life; Non-formal Sciences Education.

Paper-II - Disciplinary Knowledge in Science

- I. **Measurements, Units and Dimensions:**Need of measurement in daily life. systems of units. Units and dimensions, Significance of accuracy in measurement.
- II. **Natural Resources – Air and Water:**Composition of air, atmospheric pressure, the consequences of air pollution, ways to reduce air pollution. Winds, cyclones, natural calamities and management of their bad consequences, Composition of water, water cycle, change of phase, Latent Heat. Forms of water in atmosphere, boiling, melting, water pollution and hardness of water. How to handle the shortage of drinking water? Methods of increasing ground water levels.
- III. **Our Universe :**Need to develop the Habit of Night sky observation, How to differentiate constellations with zodiac signs, study of solar system, different laws pertaining to the motion of celestial bodies and ways of measuring the distances in space.
- IV. **Natural Phenomenon:**
 - i. **Light:** Nature of light, Theories of light, Fermat principle, Reflection – its laws. Image formation in plane and spherical mirrors. Rules for Ray diagrams and Formula for spherical mirrors – focal length and sign

convention. Application of mirrors. Refraction and its laws, Refraction at curved surface and prism. Rules for Ray diagram. Images formed by the lenses. Refractive index. Total internal reflection and its applications. Formula for thin lenses and lens maker formula. Defects of vision and remedies. Dispersion, Scattering of light. Electro Magnetic spectra (elementary treatment)

- ii. **ii. Heat:** Heat as energy- sources of heat, Transmission of heat, Expansion of solids, liquids and gases. Temperature (based on thermal equilibrium), Different Scales of Temperature-measurement Different type of Thermometers and their construction. Calorimetry, Applications of Specific heat, Latent heat. Anomalous expansion of water and its significance in nature. Combustion, Calorific value, **iii. Sound:** Sources of sound. Noise and music. Musical instruments. Propagation of sound. Velocity of sound in different media / substances. Characteristics of sound. Structure of human ear – in Auditory aspect. Reflection of sound, echo, Resonance, Sonar and Doppler Effect.

V. Mechanics: Application of Simple Machines in daily life situations. Scalars and Vectors. Free Body Diagram. All types of motion. Different types of Forces. Different types of frictions and effects of friction. Newton's laws of motion. Momentum. Equations of motion (under gravity and freely falling), projectile. Laws of Floatation. Different laws of fluids. Different types of Energies. Conservation of energy, Work and Power. Center of mass. Centre of gravity for regular and irregular objects. Stability and Equilibrium. Universal law of Gravitation. Relation between 'g' and 'G'. Circular motion.

VI. Magnetism: Types of Magnets, Identification of Magnetic and Non-magnetic substances, magnetic field, Uniform and non uniform magnetic fields. Magnetic induction. Magnetic lines of force. Terrestrial magnetism–Terrestrial magnetic field. Geo magnetism. Uses of Magnetism; Dip, Declination Magnetic pole strength.

VII. Electricity & Electro Magnetism: Electric charge, field, electric intensity, electric potential, potential difference. Simple Electric Circuits and precautionary measures. House hold circuits. Conductors, Non conductors / Insulators, Coulomb's inverse square law. Primary and secondary Cells. Ohm's Law - its limitations. Resistances in series and parallel, Emf of a circuit; Specific resistance. Kirchhoff's laws. Relation between electric potential and Electric energy, electric Power (wattage), House hold and Industrial power saving. Heating effect of electric current, and Joule's law. Lighting and Working of lightning conductor, Prevention and control of damage due to lightning. Earthing in electrical appliances. Magnetic field due to currents carrying wire, Ampere's law, circular loop and Solenoid. Magnetic force on moving charged particle and long straight conductors. Fleming's left hand rule, Electric motor. Electromagnetic induction – Faraday's law Electromagnetic flux. Lenz law, Generators and Alternating Currents. Inductance – self, mutual inductance and principles of transformer.

VIII. Modern Physics: Discharge of Electricity through gases, Discharge tube phenomena, Cathode rays, Properties of Cathode rays, Anode rays and their properties; X-rays; Atomic models: JJ Thomson, Rutherford and Bohr's models. Atomic nucleus and its structure. Atomic models: Mass defect; Radio Activity- Discovery, properties of alpha, beta, and gamma radiations. Applications of alpha, beta, and gamma radiations, Radioactive transformations, alpha, beta decays, Half life period, Isotopes, Isobars, and Isotones.

IX. Matter: States of matter. Elements, Compounds and Mixtures. Methods of separation of mixtures. Chromatography. Behavior of gases; measurable properties of gases; gas laws. Mole concept. Dalton, Avogadro, Berzelius laws.

X. Chemical Reactions: Physical and chemical changes. Types of Chemical reactions; daily applications. Laboratory preparation of different gases. Physical

and Chemical properties various compounds. Chemical calculations. Sources of common salt. Common salt – as a raw material for other chemicals (NaOH, Bleaching powder, baking soda, washing soda, and their uses, Plaster of Paris)

- XI. Acids and Bases, Salts:** Preparation, properties, Strength and uses of Acids & Bases. Neutralization. Preparation, properties, nature and uses of different Salts. Water of crystallization. Complex, Neutral and double salts. Oxidation and Reduction, Rancidity. Identification of Acids, Bases–Indicators: Natural, Chemical. PH Scale - Role of PH in daily life-agriculture, medicine. Classification of salts based on affinity to water Solutions - Types of solutions; solubility, ionization, Concentration; Oxidation number concept.
- XII. Atomic Structure:** Electro magnetic spectrum, Atomic spectrum, Characteristics of electron, proton and neutron, Rutherford's model of an atom, nature of electromagnetic radiation, Plank's quantum mechanics, explanation of photo electric effect, features of atomic spectra, characteristics of hydrogen spectrum, Bohr's theory of structure of atom, Bohr's explanation of spectral lines, failure of Bohr's theory, wave particle nature of electrons, de Broglie's hypothesis, Heisenberg's uncertainty principle, important features of the Quantum mechanical model of an atom, Quantum numbers, concept of orbitals, define an atomic orbital in terms of quantum numbers-shapes of s, p and d orbitals, $n + l$ rule, Energies of electronic energy levels $(n + l)$ rule state Aufbau principle, Pauli's exclusive principle and Hund's rule of maximum multiplicity, electronic configuration of atom, explanation of stability of half filled and completely filled orbital.
- XIII. Periodic Classification of Elements:** Need for arrangement of elements in an organized manner. Historical background of classification of elements Doberiner's Triads, Newland's law of Octaves. Mendeleev's Periodic Table (Achievements & Limitations). Mosley periodic table - based on electronic configuration. Characteristics of elements in groups and periods. The concept of grouping elements in accordance to their properties; the periodic law the signification of atomic number and electronic configuration as the basis per periodic classification. Classification of elements into s-block, p-block, d-block, f-block. and their main characteristics. Periodic trends in physical and chemical properties of elements.
- XIV. Chemical Bonding:** Why do atoms combine? Electronic theory of Valence by Lewis and Kossel Octet Rule, Ionic and Covalent bonds: examples with Lewis Dot formulae Introduction of chemical bonding. Electronic Configuration of Noble gases. sigma, pi bond with examples. Shapes of molecules. bond lengths and bond angles in molecules. Hybridization and explanation of H₂O, BF₃, CH₄, NH₃ etc. molecules.
- XV. Carbon and its compounds:** Need to study of carbon compounds separately. Classification of Organic compounds Hydro carbons - Alkanes, alkenes, alkynes aromatic and aliphatic compounds with examples. Bonding in Carbon including Hybridization. Allotropes of Carbon. Versatile nature of carbon. Tetravalency, Chains, branches and rings. Catenation, Multiple bonding, Isomerism. Saturated and Unsaturated carbon compounds. Bonding of carbon with other elements. Functional groups in carbon compounds. Homologous series. Chemical properties of carbon compounds Combustion and Oxidation. Addition reactions. Substitution reaction. Important carbon compounds. Nomenclature organic compounds. Carbohydrates and their classification. Proteins-examples, Esterification reaction, Soaps Saponification, Micelles.
- XVI. Metallurgy:** Occurrence of Metals. Minerals, Ores - Examples. Metallurgy - Processes involved in metallurgy. Occurrence and extraction of various metals . Extractions of metals – activity series and related metallurgy, flow chart of steps involved in the extraction of metals from ore. Refining metals, Electrolytic refining, Corrosion – Prevention of Corrosion. Alloys and their uses.

- XVII. Biological Sciences:** Its importance and human welfare, Branches of Biology, Biologists, Reputed Biological Institutions in India.
- XVIII. Living World:** Life and its Characteristics, Classification of Living Organisms
Microbial World : Virus, Bacteria, Algae, Fungi and Protozoan, Useful and Harmful Micro-organisms.
- XIX. Cell & Tissues:** Cell - Structural and Functional unit of life. Prokaryotic and Eukaryotic Cell, Structure of Eukaryotic Cell, Cell Organelles, Biomolecules, Differences between Plant Cell and Animal Cell, Cell Division – Mitosis and Meiosis, Tissues – Structure, Functions and Types of Plant and Animal tissues.
- XX. Plant World:** Morphology of a Typical Plant – Root, Stem, Leaf, Flower, Inflorescence, Fruit - their Structure, Types and Functions, Parts of a Flower, Modifications of Root, Stem and Leaf, Photosynthesis, Transpiration, Transportation (Ascent of Sap), Respiration, Excretion and Reproduction in Plants, Plant Hormones, Economic importance of Plants, Wild and Cultivated Plants, Agricultural Operations, Crop diseases and Control measures, Improvement in Crop yield, Storage, Preservation and Protection of Food and Plant Products.
- XXI. Animal World:** Organs and Organ Systems including man – Their Structure and Functions Digestive, Respiratory, Circulatory, Excretory, Nervous, Control and Co-ordination, Sensory perception and Reproduction, Need for reproductive health and prevention of STD, birth control- Need and methods of contraception and MTP, Amniocentesis, infertility and assisted reproductive technologies – IVF – ET – ZIFT, GIFT.
- XXII. Sense Organs:** Structure and Functions of Eye, Ear, Nose, Tongue and Skin. Nutrition in man – Digestion and absorption – Breathing and Respiration in humans - Nutrients and their functions, Balanced Diet, Deficiency diseases, Tropical diseases, Skin diseases, Blindness in man: Causes, Prevention and Control, Health agencies, First Aid – Bites: Insect, Scorpion and Snakes. Wild and Domesticated Animals.
- XXIII. Our Environment:** Abiotic and Biotic factors and Ecosystems, Natural Resources – Classification, Judicial use of Renewable, Non-renewable and Alternative Resources, Forests, Wild Life - Conservation, Sanctuaries, National Parks in India, Bio-Geochemical Cycles, Pollution – Air, Water, Soil and Sound, Global Environmental issues – Global Warming (Green House Effect), Acid Rains, Depletion of Ozone layer and scarcity of water.
- XXIV. Heredity and Genetics:-** Mendel's laws of inheritance, Pleiotropy, Multiple alleles: Inheritance of blood groups and Rh-factor, dominance (Blood groups as example), Elementary idea of polygenic inheritance; Skin colour in humans (refer Sinnott, Dunn and Dobzhansky); Sex determination – in humans - Sex linked inheritance – Haemophilia, Color blindness; Mendelian disorders in humans: Thalassemia, Haemophilia, Sickle celled anemia, cystiefibrosis PKU, Alkaptonuria; Chromosomal disorders – Down's syndrome, Turner's syndrome and Kilnefelter syndrome; Genome, Human Genome Project and DNA Finger Printing. Gene Bank, Gene flow and genetic drift; Variations (mutations and genetic recombination).
- XXV. Evolution:** Origin of Life, Biological evolution and Evidences for biological evolution (paleontological, comparative anatomical, embryological and molecular evidences); Theories of evolution: Lamarckism, Darwin's theory of Evolution – Natural Selection, Mutation Theory of Hugo De Vries; Modern synthetic theory of Evolution – Hardy-Weinberg Law; Types of Natural Selection; Adaptive radiation – Human evolution; Speciation – Allopatric, sympatric; Reproductive isolation.

Main Examination Syllabus for the post of Trained Graduate Teacher in Residential Educational Institution Societies

Paper-I: Pedagogy of Social Studies

1. The Nature of Social Sciences and its Historical Development including the contributions of important Social Scientists and thinkers given in the school textbooks. Importance of Social Sciences in School Curriculum
2. Values, Aims and Objectives of Teaching Social Sciences
3. Psychology of Teaching and Learning Social Sciences
4. Social Sciences Curriculum : Construction ,Organization and Development
5. Approaches, Methods and Techniques of Teaching Social Sciences with special reference to the topics in the School Curriculum
6. Planning for Effective Instruction in Social Sciences: Different Plans and Designing Learning Experiences.
7. Learning Resources and Designing Instructional Material in Social Sciences ; Social Sciences Labs; Teaching Aids ; Textbooks; ICT in Social Sciences
8. Measurement and Evaluation in Social Sciences : Continuous and Comprehensive Evaluation (CCE); Tools and Techniques of Evaluation; Achievement and Diagnostic Tests.
9. Learning Disabilities/Difficulties and Education of Exceptional/ Disabled Children in Social Sciences
10. Social Sciences and Everyday Life ; Non-formal Social Sciences Education.

Paper-II: Social Studies

- I. **Diversity of the Earth-** Lands, Climates, Environment, Rivers & Settlements, Agriculture and Forests. Irrigation, Power, Minerals and Energy resources with special reference to Telangana.
- II. **Economic features of India and Telangana:** Agricultural economy, Handicrafts and Handlooms, Industrial Economy. Credit and the Financial System, Money & Banking - Income and Debts, Expenditure. Inflation and poverty, Impact of Globalization and Technologies on Livelihood.
- III. **Empires and World wars:** The Kakatiyas, Vijayanagaras, Delhi sultanate & Mughals – British and the Nizams Rule in Telangana. Indian National Movement – Telangana Movement and State Formation-Nationalist, Democratic Social and Religious Reforms – and movements. Making of Laws at the Central and State levels.
- IV. **Service and welfare programmes in India and Telangana.** Programmes for Disaster Management. Public Health Programs. The People: Settlement & Migration - Traffic education; Film and Print Media- Fine Arts, Folklore, Traditions and Festivals with reference to Telangana. Telangana Heritage, Monuments and historical sites.
- V. **The Indian constitution – Democracy and Secularism.** Post Independent India Caste Discrimination and Struggle for Equalities, Understanding the Indian Political System – Self Governments.

ANNEXURE - IV

INSTRUCTIONS TO CANDIDATES:**A) GENERAL INSTRUCTIONS TO CANDIDATES**

- 1) Candidates are directed to follow the Commission's Website (www.tspsc.gov.in) regularly to Know the latest developments regarding the Recruitment, dates of Examination, calling of candidates for verification of Certificates/ Interviews/ Results etc.
- 2) The candidates must note that his/her admission to the examination is strictly provisional. The mere fact that an Admission to the examination does not imply that his/her candidature has been finally cleared by the Commission or that the entries made by the candidate in his/her application have been accepted by the Commission as true and correct. The candidates have to be found suitable after verification of original certificates; and other eligibility criteria. The Applicants have to upload his/her scanned recent colour passport photo and signature to the Application Form. Failure to produce the same photograph, if required, at the time of interview/ verification, may lead to disqualification. Hence the candidates are advised not to change their appearance till the recruitment process is complete.
- 3) **The candidates are not allowed to bring any Electronic devices such as mobile / cellphones, Calculators, tablets, iPad, Bluetooth, pagers, watches to examination centre.** Loaning and interchanging of articles among the candidates is not permitted in the examination hall and any form of malpractice will not be permitted in the exam hall.
- 4) The candidates are expected to behave in orderly and disciplined manner while writing the examination. If any candidate takes away Answer Sheet of OMR based examination, the candidature will be rejected and in case of impersonation/ disorder/ rowdy behaviour during Examination, necessary F.I.R. for this incident will be lodged with concerned Police Station, apart from disqualifying his / her candidature.
- 5) Candidates trying to use unfair means shall be disqualified from the selection. No correspondence whatsoever will be entertained from the candidates.
- 6) 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) Date and Time of the Examination as per Hall-Ticket
- 3) The examination link with the login screen will already be available on your system. Please inform the invigilator if this is not the case.
- 4) 10 minutes prior to the exam, you'll be prompted to login. Please type the Login ID (Roll No) and the Password (Password for Candidate will be given on exam day) to proceed further.
- 5) Invigilator will announce the password at 09.50 AM and 02.20 PM.
- 6) Copying or noting down questions and/or options is not allowed. Severe action will be taken if any candidate is found noting down the questions and/or options.
- 7) After logging in, your screen will display:
 - *Profile Information - Check the details & click on "I Confirm" or "I Deny".*
 - *Detailed exam instructions - Please read and understand thoroughly.*
 - *Please click on the "I am ready to Begin" button, after reading the instructions.*
- 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, Benth Oriya, 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, Vannerreddi, 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 Sistakaranam
- 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, Fhaker Budbudki, Ghanti Fhaker, Ghanta Fhakerlu, 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 Phakerlu, 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

* 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.