

TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD

NOTIFICATION NO.59/2017,Dt.08/11/2017

**RADIOGRAPHER IN DIRECTOR OF PUBLIC HEALTH AND FAMILY WELFARE
(HM&FW DEPARTMENT)
(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 Radiographer in Director of Public Health and Family Welfare.

- i. **Submission of ONLINE applications from Dt. 16/11/2017**
- ii. **Last date for submission of ONLINE applications Dt. 11/12/2017**
- iii. **Hall Tickets can be downloaded 07 days before commencement of Examination.**

2) The Examination is likely to be held in the month of January 2018. 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 for 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:-

SI.No.	Name of the Post	No. of Vacancies	Age as on 01/07/2017 Min. Max.	Scale of Pay Rs.
1	Radiographer in Director of Public Health and Family Welfare.	35	18 – 44*	22,460- 66,330/-

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

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

4) EDUCATIONAL QUALIFICATIONS:

Applicants must possess the qualifications from a recognized University/Institution as detailed below or equivalent thereto, as specified in G.O.Ms.No166 Health Medical and Family Welfare (B1) Dept,Dated 09-09-2017 and indented by the department as on the Date of Notification.

SI. No.	Name of the Post	Educational Qualifications
1	Radiographer in Director of Public Health and Family Welfare.	a) Must possess CRA (Certificate of Radiology Assistant) Provided that preference shall be given to a candidate who in addition, possesses a degree of any recognized University with Physics as main subject. b) Registered with Para Medical Board AP/TS.

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

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

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

The Upper Age limit will be relaxed as per Rules (shown in the table) and will be calculated on the above lines.

***As per G.O. Ms. No. 329 GA(Ser.A) Dept., Dt. 27/07/2015 read with G.O. Ms. No. 264 GA(Ser.A) Dept.,Dated: 26-07-2016 and G.O. Ms. No. 190 GA(Ser.A) Dept.,Dated: 08-08-2017, the upper age limit is raised up to 10 years and G.O.Rt.No.902, Health, Medical &Family Welfare (B1) Dept. Dt.24-10-2017.**

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.	Telangana State Government Employees (Employees of TSRTC, Corporations, Municipalities etc. are not eligible).	5 Years based on the length of regular service.
2.	Ex-Service men	3 years & length of service rendered in the armed forces.
3.	N.C.C.(who have worked as Instructor in N.C.C.)	3 Years & length of service rendered in the N.C.C.
4.	SC/ST and BCs	5 Years
5.	Physically Handicapped persons	10 Years

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

a) BC, SC & ST of Telangana State

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

c) PH & Ex-service men.

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

b) Mode of Payment of Fee:

The Fee mentioned at Para-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 Examination will be held at **HYDERABAD (including HMDA Jurisdiction) only or as may be decided by the Commission.**
- 2) 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:

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

I STEP: The Candidate has to visit the WEBSITE **http://www.tspsc.gov.in** and fill the OTR application if not registered earlier to obtain TSPSC ID. While filling the same, the

candidates have to ensure that there are no mistakes in it. The Commission bears no responsibility for the mistakes, if any, made by the candidates.

II STEP: The candidates have to visit the website <http://www.tspsc.gov.in> to submit Application and Click on the Link with Notification Number and Name, provide TSPSC ID and Date of Birth to proceed further.

Candidate has to verify the details 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 040-23542185 or 040-23542187(Call Time: 10.30 A.M to 1.00 P.M & 1.30 P.M to 5.30 P.M) or mail to helpdesk@tspsc.gov.in

NOTE:

1. The Commission is not responsible, for any discrepancy in Bio-data particulars while submitting the application form through Online. The applicants are therefore, advised to strictly follow the instructions and User guide in their own interest before submitting the application.
2. The particulars furnished by the applicant in the Application Form will be taken as final, and data entry is processed, based on these particulars only by Computer. Candidates should, therefore, be very careful in Uploading / Submitting the Application Form Online.
3. Incomplete/incorrect application form will be summarily rejected. The information if any furnished by the candidate subsequently in any form will not be entertained by the Commission under any circumstances. Applicants should be careful in filling-up the application form and submission. If any lapse is detected during the scrutiny, the candidature will be rejected even though he/she comes through the final stage of recruitment process or even at a later stage.
4. Before Uploading/Submission of Application Form, the Candidates should carefully ensure his/her eligibility for this examination. No relevant column of the application form should be left blank, otherwise application form will not be accepted.

PARA- IV GENERAL PROVISIONS

1. Applicant must compulsorily fill-up all relevant columns of application and submit application through website only. The particulars made available in the website shall be processed through computer and the eligibility decided in terms of notification.
2. The applications received online in the prescribed proforma available in the website and within the time shall only be considered and the Commission will not be held responsible for any kind of discrepancy.
3. Applicants must upload his/her own scanned photo and signature through J.P.G format.
4. The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.

5. All the essential certificates issued by the competent authority of Telangana State shall compulsorily be kept with the applicants to produce as and when required to do so. Failure to produce the required certificates on the day of verification will lead to disqualification.
6. **Important** – The claim of the candidates with regard to the date of birth, educational / technical qualifications, experience and community are accepted only provisionally on the information furnished by them in their application form and is subject to verification and satisfaction of the Commission. Mere admission to any test or interview or inclusion of the name of a candidate in a Merit List will not confer on the candidate any right for appointment. The candidature is therefore, provisional at all stages and the Commission reserve the right to reject candidature at any stage of the selection even after the advice has been made.
7. This Recruitment is entrusted to TSPSC vide G.O.Ms.No.89; Finance (HRM-VII) Dept., Dt.13.07.2016 and G.O.Ms. No.85, Finance (HRM-VII) Dept., Dt.18.05.2017.

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/SSC
- iv). School Study Certificate
- v). Declaration by the Unemployed
- vi). No Objection Certificate from Employer (if anywhere employed)

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

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

The following Certificate should be obtained from Competent Medical authority for the purpose of verification.

- x). Medical Certificate for the Blind
- xi) Certificate of Hearing Disability and Hearing Assessment
- xii) 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. **Recruitments:-** The Recruitment will be processed as per this Notification and also as per the Rules and Instructions issued by the Government and also as decided by the Commission from time to time in terms of respective Special Rules/Adhoc Rules governing the Recruitment Vide G.O.Ms.No.565, M&H (R1) Dept, Dt: 27-08-1979 read with G.O.Ms.No.166 Health Medical and Family Welfare (B1) Dept, Dated 09-09-2017 and G.O.Rt.No.902, Health, Medical & Family Welfare (B1) Dept. Dt.24-10-2017 and as per Government orders issued from time to time, and other related G.Os, Rules etc., applicable in this regard.
3. **Rules:** All are informed that the various conditions and criterion prescribed herein are governed by the General Rules of existing State and Subordinate Service Rules, read with the relevant Special Rules applicable to any particular service in the departments. Any guidelines or clarification is based on the said Rules, and, in case of any necessity, any matter will be processed as per the relevant General and Special Rules in force.
4. **Constitutional Provisions:-** The Commission is empowered under the provisions of Article 315 and 320 of the Constitution of India read with relevant laws, rules, regulations and executive instructions and all other enabling legal provisions in this regard to conduct examination for appointment to the posts notified herein, duly following the principle of order of merit 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.
5. **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 .
 6. **Employed:-** The persons already in Government Service/ Autonomous bodies/ Government aided institutions etc., whether in permanent or temporary capacity or as work charged employees are required to inform in writing to the Head of Office / Department, as the case may be and required to submit the "No objection" from the concerned Head of Office / Department to the Commission as and when required to do so.
 7. **Penal Action:-** The Commission is also empowered to invoke the penal provisions of the A.P. Public Examinations (Prevention of Malpractices and Unfair means) Act 25/97 for matters connected therewith or incidental thereto and as per the Rules of Procedure of TSPSC published in Telangana Gazette No: 60 dated 28/12/2015 in respect of this Notification.
 8. **Caste & Community:** Community Certificate issued by the competent authority (obtained from Government of Telangana State) in terms of G.O.Ms No. 58, SW (J) Dept., dt: 12/5/97 read with G.O. Ms. No. 5 Scheduled Castes Development (POA.A2) Dept., Dt. 08/08/2014, G.O. Ms. No. 11 Scheduled Castes Development (POA.A2) Dept., Dt. 17/09/2014 and G.O. Ms. No. 2 Scheduled Castes Development (POA.A2) Dept., Dt. 22/01/2015 should be submitted at appropriate time in respect of SC & ST Candidates. In respect of candidates belonging to Backward Classes are required to produce Community Certificate (BC-A, BC-B, BC-C, BC-D& BC-E) from Competent Authority i.e., from Tahsildars in the State of Telangana not below the rank of Deputy Tahsildar E-seva/Mee-seva (G.O. Ms. No. 16 BCW(OP) Dept., Dt. 11/03/2015). As per General Rules for State and Subordinate Service Rules, **Rule -2(28)** Explanation: No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste. BC's, SC's and ST's belonging to other states are not entitled for any kind of reservation.
 9. **Reservation:-** (i)The Reservation and eligibility in terms of General Rule 22 & 22 (A) of State and Subordinate Service Rules are applicable.
 - (ii) Reservation to Disabled persons is subject to their eligibility to the above category of posts and shall be subject to Special Rules/Adhoc Rules governing the posts. The required extent of deformity and the genuineness of the Medical Certificate and in the case of ambiguity or doubt, the same shall be referred to the Appellate Medical Boards as per the instructions of the Government.
 - (iii) The Reservation to Women will apply as per General Rules / Special rules.
 - (iv) Reservation to BC-E group will be subject to the adjudication of the litigation before the Honorable Courts including final orders in Civil Appeal No: (a) 2628-2637 of 2010 in SLP. No. 7388-97 of 2010, dated. 25/03/2010 and orders from the Government.
 10. **Distance Education:-** The Candidates who have obtained Degrees through Open Universities / Distance Education mode are required to have recognition by the University Grants Commission / AICTE / Distance Education Council as the case may be. Unless such Degrees had been recognised by the relevant Statutory Authority, they will not be accepted for purpose of Educational Qualification. The onus of Proof of recognition by the relevant Statutory Authority that their Degrees / Universities have been recognised, rests with the Candidate.

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

DEFINITION OF LOCAL CANDIDATE:- In terms of Para-(7) of A.P. Public Employment (Organization of Local Cadres and Regulation of Direct Recruitment) Order, 1975 (G.O.P. No. 674, G.A. (SPF-A) Dept., Dated: 20/10/1975). "LOCAL CANDIDATE" means a candidate for direct recruitment to any post in relation to that Local 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 up to S.S.C. or equivalent examination, such candidates have to produce study certificates invariably. The candidates, who acquired Degree from Open Universities without studying SSC / Matriculation or equivalent in Educational Institutions, have to submit Residence Certificate only. Educational institutions means a recognized institution by the Government / University / Competent Authority. The Open School students must invariably enter the Residence particulars in the Application form, failing which they will automatically fall under "OTHERS"(NON-LOCAL) category.

(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 SELECTION OF CANDIDATES FOR APPOINTMENT TO THE POST IS AS FOLLOWS:

THE FINAL SELECTION OF THESE POSTS WILL BE BASED ON 70 WEIGHTAGE (POINTS) IN WRITTEN EXAMINATION AND 30 WEIGHTAGE (POINTS) FOR THE GOVT.SERVICE (EXPERIENCE) PUT TOGETHER.

The procedure of selection for the post is as follows:

S.No.	Particulars	Weightage(Points)
1	Written Examination	70
2	Experience	30
	Total:	100

The criteria for awarding Weightage (Marks) for Govt.Service (Experience) is as follows:

	Criteria	Weightage (Marks)
Service Consists of	Weightage of experience of Govt. Service	
	i) Six Months in Tribal Area	4
	ii) Six Months in Rural Area	2
	iii) Six Months in Urban Area (Corporations & Grade-I Municipalities)	1

As per the Selection of procedure, it consists of Weightage of total 100 points. In which maximum 70 points will be given to Written Examination conducted for 150 marks and maximum 30 points will be given to Experience of the candidates based on their Government Service.

1. Those candidates who comes up in order of merit 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 PH 30%. The minimum qualifying marks are relaxable in the case of SC/ST/BC/PH at the discretion of the Commission.
2. The candidates will be selected and allotted to Service/ Department as per their rank in the merit list and as per 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.
3. The appearance in all the papers at the Written Examination as per rules is compulsory. Absence in any of the paper/papers will automatically render his candidature as disqualified.
4. Candidates have to produce Original documents and other particulars on the day of verification itself. If candidate fails to produce any of the required certificates and if the particulars furnished by him / her in the Application do not tally with the Original documents produced him / her, then his / her candidature will be rejected/disqualified without any further correspondence. As candidature for the recruitment is processed through Computer/Electronic devices based on the particulars furnished in the Application Form, the candidate is advised to fill in all the relevant particulars carefully.
5. The preference opted by candidates in respect of posts, Zone etc., in the application form are only indicative for being considered to the extent possible but not binding or limiting the Commission's powers conferred under Article 315 and 320 of the Constitution of India. Therefore, the Commission has the power to assign a successful candidate to any of the notified posts for which he/she is qualified and eligible, subject to fulfilling the selection criterion. Mere claim of preference for any Zone for allotment against vacancy does not confer a right to selection for that Zone in particular or any Zone in General.
6. The appointment of selected candidates will be subject to their being found medically fit in the appropriate Medical Examination, and if he/she is of sound health, active habits free from any bodily defect or infirmity.

PARA-IX: DEBARMENT:

- a) Candidates should make sure of their eligibility to the post applied for and that the declaration made by them in the format of application regarding their eligibility is correct in all respects. Any candidate furnishing in-correct information or making false declaration regarding his/her eligibility at any stage or suppressing any information is liable to be debarred for five years from appearing for any of the examinations conducted by the commission, and summarily rejection of their candidature for this recruitment.
- b) The Penal Provisions of Act 25/97 published in the State Gazette No. 35, Part-IV.B Extraordinary dated: 21/08/1997 shall be invoked if malpractice and unfair means are noticed at any stage of the Recruitment.
- c) The Commission is vested with the constitutional duty of conducting recruitment and selection as per rules duly maintaining utmost secrecy and confidentiality in this process and any attempt by anyone causing or likely to cause breach of this constitutional duty in such manner or by such action as to violate or likely to violate the fair practices followed and ensured by the Commission will be sufficient cause for rendering such questionable means as ground for debarment and penal consequences as per law and rules and as may be decided by the Commission.
- d) Any candidate is or has been found impersonating or procuring impersonation by any person or resorting to any other irregular or improper means in connection with his / her candidature for selection or obtaining support of candidature by any means, such a candidate may in addition to rendering himself/ herself liable to criminal prosecution, will be debarred permanently from any exam or selection held by the Service Commission's 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-XI: 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: 08/11/2017

Sd/-
SECRETARY

ANNEXURE – I
(GENERAL RECRUITMENT)

BREAK UP OF PROVISIONAL VACANCIES FOR THE POST OF RADIOGRAPHER IN PUBLIC HEALTH AND FAMILY WELFARE DEPARTMENT

ZONE	OC		BC-A		BC-B		BC-C		BC-D		BC-E		SC		ST		PH		TOTAL		GRAND TOTAL
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	
V	4	3	1	-	1	-	-	-	1	-	-	-	-	-	1	-	1(HH)	-	9	3	12
VI	7	4	-	-	2	2	-	-	2	-	1	-	2	2	1	-	-	-	15	8	23
TOTAL	11	7	1	-	3	2	-	-	3	-	1	-	2	2	2	-	1	-	24	11	35

IMPORTANT NOTE: The number of vacancies are subject to variation based 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)	All amounts	Rs.5/-per transaction +Taxes
	List-B (7 Banks)	All amounts	Rs.8/-per transaction +Taxes
	List-C (7 Banks)	All amounts	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 RADIOGRAPHER IN HEALTH MEDICAL & FAMILY WELFARE DEPARTMENT

Scheme of Examination

Written Examination (Objective Type)	No.of Questions	Duration (Minutes)	Maximum Marks
Paper-I: General Abilities	50	50	50
Paper-II: Radiographer (Diploma Level)	100	100	100
Total			150

Name of the Papers	Language Of Examination
Paper-I: General Abilities	Bilingual i.e., English and Telugu
Paper-II: Radiographer (Diploma Level)	English

SYLLABUS

PAPER-I: GENERAL ABILITIES

1. Current Affairs: International, National and State.
2. Society, Heritage and Culture, Polity, Economy, Human Development Indices and the Development Programmes in India and Telangana.
3. Natural Resources in India and Telangana: their distribution, exploitation, conservation and related issues.
4. Basic concepts of Ecology and Environment and their impact on health and economy; Disasters and Disaster management.
5. Impact of changing demographic trends on health, environment and society.
6. Agriculture, Industry, Trade, Transportation and Service sectors in India and Telangana.
7. Food adulteration, Food processing, food distribution, food storage and their relevance to public health.
8. Recent trends in Science and Technology.
9. Telangana Statehood movement and formation of Telangana State.
10. Moral values and Professional ethics.
11. Logical Reasoning: Analytical Ability and Data Interpretation.

PAPER.II: RADIOGRAPHER (Diploma Level)

UNIT – IHuman Anatomy

Human Anatomy, Physiology and Pathology relevant to Radiology.

Scope of Anatomy, Physiology and Pathology – Definitions and Terms in Anatomy,

Physiology and Pathology – Structure and function of human cell

Elementary tissues of human body – Brief account on composition of blood – functions of blood elements – Blood Group and coagulation of blood.

- Cardio Vascular system (structure and functions of various part of the hear, arterial and venous system. Brief account on common cardiovascular disorders)
- Respiratory system (Various parts of respiratory system and their functions, physiology of respiration)

- Digestive system (Names and various parts of digestive system – Liver , Spleen, Gall bladder, Pancreas, Buccal cavity, Pharynx, Oesophagus, stomach, intestine etc., Physiology of digestion and absorption)
- Urinary system (various parts of urinary system and its function-structure and function of kidneys – physiology of urine formation – pathophysiology of renal disease and edema)
- Reproductive system (Physiology and anatomy of male and female reproductive system – prostate and uterus and Ovaries etc.,)
- Musculoskeletal system (classification of bone and joints, structure of skeleton – structure of skeletal muscle – physiology of muscle contraction)
- Nervous system (various parts of nervous system – Brain and its parts – functions of nervous system - spinal cord nerves)
- Ear, Nose, Throat and Eye (Elementary knowledge of structure and functions of organs of taste, smell , hearing vision)
- Endocrine system (Endocrine glands, their hormones and functions – Thyroid, Parathyroid, Suprarenal, Pituitary, Pituitary and Thymus)
- Haemopoietic and Lymphatic system (Name of the blood vessels and Lymph gland locations)
- Surface Anatomy and Surface markings of human body
- Outline Anatomy and surface markings of Human Body
- Outline on pathology of various systems of CVS, RS, CNS, Musculoskeletal systems, GIT, GUT, Reproductive systems, Pathology of radiation injury, basics in pathology of malignancies.

UNIT – II

Conventional and Automated processing Techniques

Dark Room Planning: For A Small Hospital, For A Large Hospital, Location Of Dark Room Construction Of Dark Room, Ventilation, Wall Protection, Entrance To Dark Room.

Dark Room: Instruction To Staff, Dry Bench, Hopper, Drawer, Cupboard, Loading And Unloading Cassettes Hangers, Types Of Hangers And Storage Of Hangers, Printing, Wet Bench, Cleanliness, Control Of Dust, Dark Room Sink, Hatches, Drier, Safe Lights.

X-Ray Films: Glass, Cellulose And Polyester Bases Structure Of X-Ray Films - Emulsion, Gelatin, Base And Supercoating Types Of X-Ray Films, Single Coated, Duplitised, Spectral Sensitivity, Colour Sensitivity Grainness Of Films, Speed Of Films, Screen & Non-Screen Films, Various Formats Of Films.

Films for Special Procedures: Storage Of Film Materials And Radiographs, Record Of Film Stock, Characteristic Curves.

Intensifying Screens: Fluorescence - Phosphors

Phosphors Employed: - Calcium Tungstate, Barium Fluochloride etc.

Rare Earths; Construction of Intensifying Screens;

The Influence of Kilovoltagage In Different Phosphors

Intensification Factor

Resolving Power of Intensifying Screens

Speed of Screens

Screen Film Contact Tests

Types of Intensifying Screens

Advantages and Limitations of Intensifying Screens.

X-Ray Cassette: Construction of X-Ray Cassettes, Types Of Cassettes, Mounting Intensifying Screens on Cassettes, Identification of Cassettes, Care of Cassettes

Processing Methods: Preparation of Solution, Manual Processing Apparatus, Control of Temperature, Replenishment, Rapid Processing

Automatic Processor - Principle and Features, Water Supply, Use of Thermostat,

Processing of Cut Films And Roll Films.

Developer: Constituents, Characteristic, Manual and Automatic Processors, Effects on Developing

Time, Temperature, Agitation, Replenisher, Exhaustion

Fixer: Constituents, Characteristics, Manual and Automatic Processors, Fixing Time and Clearing Time Factors Affecting Fixing Time, Replenisher, Exhaustion

Film Faults: Fog - Various Fogging In Films, Causes And Prevention, Stains - Types, Causes And Prevention Spots And Splashes - Types, Causes.

UNIT – III

Radiological Physics & Radiological Equipments

SECTION A- Radiation Physics

Principles of Radiation Detection And Measurement:

Gas-Filled Detectors (Ionization Chambers, Proportional Counters And Geiger Muller Counters) Scintillation Detectors, Thermoluminescent Dosimeters (Tld). Roentgen And Rad. Simple Principles Of Dosimeters.

Biological Effects Of Radiation: Chemical Effects Of Radiation - Radiolysis Of Water ; Production Of Free Radicals, Radicals Reactions, G-Value. Effects Non-Stochastic Effects, Chromosome Aberrations And Mutations. Radiation Effects On Whole Body (Early Effects And Late Effects). Concept Of Doubling Dose. Risk Factors.

UNIT – IV

SECTION B- Medical Physics

Mains Supply: Generation Of Electrical Energy, Distribution Of Electrical Energy, Use Of Electrical Energy, Polyphase Supplies, Availability Of Different Voltages, Feeder Cables, Line Voltage Drop; Mains Switches, Fuses, Circuit Breakers. Earthing, Insulation, High Tension Cables Construction, Design.

Diagnostic High Tension Circuits: Self Rectified, Half-Wave, Full-Wave, Rectifier, 3 Phase, Capacitor Discharge, Constant Potential. Main Voltage Compensation, Mains Resistance Compensation, Compensations For Mains Frequency Variation. Control Of Tube Voltage, Kilovoltage Compensation; Filament Circuit, Control Of Tube Current, Space Charge Compensation. High Tension (Tube Selector) Switch. Meters- Function; Use Of Shunts. Meters Commonly Found In Diagnostic X-Ray Equipment, Position In Circuits, Reading Meters.

Switching and Timing: Exposure Timers, Spring Activated, Synchronous, Electronic, Auto Timers, Exposure Switching -Mechanical Contactors, Electronic Switching In Low Tension And High Tension Circuits. Interlocking Circuits - Use Of Relays, Tube Overload Protection. Circuit Diagrams - Simple Circuit Diagrams As Illustration Of Sequence From Mains Supply To Controlled X-Ray Exposures, Block Diagrams.

UNIT – V

X-Ray Tubes: Rotating Anode X-Ray Tubes, Design, Rating, And Use Of Rating Charts, Care Of The X-Ray Tubes; Inherent Filtration And Additional Filtration; Practical Considerations In The Choice Of Focus; Speed Of Anode Rotation; Angle Of Anode Inclination. Grid-Controlled X-Ray Tube.

Equipments:

I Fluoroscopy and Image Intensifiers:

Direct Fluoroscopy, Fluoroscopy Image, Fluoroscopic Screen, Explorators (Serial Changers, Spot Film Devices) Radiation Protection Including Integrating Timer. Tilting Tables. Principles And Construction Of Image Intensifiers, Television Camera Tubes And Cathode Ray Tubes. Recording The Intensified Image, Methods Of Viewing The Intensified Image, Equipment For Fluorography And Cine-Fluorography. Radiographic and Fluoroscopic Tables, Telecommand Tables.

UNIT – VI

Regional Radiography – General

Radiography Techniques -I

Positions Of The Patient: Erect, Sitting, Supine, Prone, Lateral, Oblique, Decubitus Etc., Relative Position Of X-Ray Tube And Patient, Relevant Exposure Factors. Use Of Accessories Such As Radiographic Cones, Grid And Positioning Aids.

Upperlimb: Routine Projections For The Whole Hand, Fingers, Wrist Joint, Forearm, Elbow Joint And Humerus. Supplementary Projections For Scaphoid, Carpal Tunnel

Ball Catchers Projections, Head Of The Radius, Supracondylar Fracture And Olecranon Process.

Lowerlimb: Routine Projections For The Whole Foot, Toes, Calcaneum, Ankle Joint, Leg, Knee-Joint, Patella And Femurs. Supplementary Projections For Axial Projection For Patella.

Shoulder Girdle And Thorax:

Routine Projections For The Shoulder Joint, Scapula, Acromio-Clavicular Joint, Clavicle, Sternoclavicular Joint, Sternum And Ribs.

Pelvic Girdle And Hip Region : Routine Projections For The Whole Pelvis, Sacro-Iliac Joints, Hip Joint And Neck Of Femur.

Vertebral Column: Routine Projections For Atlanto-Occipital Joint, Cervical Spine, Cervico Thoracic Junction, Thoracic Spine, Lumbar Spine, Lumbo-Sacral Region, Sacrum And Coccyx.

Supplementary Projections For The Intervertebral Foramina, Posterior Arch Of Atlas, Flexion And Extension Of Cervical Spine,

Skull: Routine Projections For Skull And Facial Bones.

Supplementary Projections For Trauma, Towne's & Method, Sella, Turcica, Optic Foramina, Jugular Foramina, Temporal Bones, Mastoids Petrous Bone, Zygomatic Arches, Orbits, Maxillae, Nasal Bones, Mandible, Temporomandibular Joints.

Nasal Sinuses: Techniques For Frontal, Maxillary, Ethmoidal And Sphenoid Sinuses, Erect And Horizontal Projections For Fluid Levels.

Teeth: Routine Projections Of All Teeth –: Intra-Oral And Extra-Oral Projections. Orthopantomography.

Chest: Routine Projections for Lungs, Cardia And Diaphragm.

Supplementary Projections For Thoracic Inlet, Decubitus, 'Apicograms.

Abdomen: Kub, Erect Abdomen , Decubitus Projection,

UNIT – VII

Radiographic Techniques - Advanced

GASTRO INTESTINAL

- Barium Swallow
- Barium Meal – Single contrast and double contrast
- Hypotonic Duodenography
- Barium meal follow through
- Small bowel enema
- Barium Enema
- Oral Cholecystography
- Endoscopic Retrograde Choledochopancreatography (ERCP)
- Urology
- Excretion Urography
- Reterograde Pyeloureterography
- Micturating Cysto Urethrography – Urodynamic Investigations
- Ascending Urethrography

Reproductive System

- Hysterosalpingogram

Vascular

- Angiography
- Percutaneous Catheterisation
- Catheterization Sites, Asepsis
- Guide Wire, Catheter, Pressure Injector and Accessories
- Use of Digital Subtraction , single plane and biplane

CNS

- Cervical Myelography

- Lumbar myelography
- Air Encephalography
- Ventriculography

UNIT – VIII

Recent advances in Radiology

Miscellaneous:

- Arthrography
- Sialography
- Sinography
- Fistulography
- Zerotradiography
- High Kilo Voltage Technique

UNIT -IX

CONTRACT MEDIA

- **Ionic monomers**
- **Nonionic Monomers**
- **Ionic dimmers**
- **Nonionic dimmers**
- **The quantity of iodine required**
- **Adverse reactions to radiological contrast media**
- **Idiosyncratic anaphylactoid reactions**
- **Nonidiosyncratic reactions**
- **Complications**
 - **Minor reactions**
 - **Intermediate reaction**
 - **Severe life threatening reaction**
 - **Deaths**
- **Factors predisposing to adverse reaction**
- **General principles of investigating patients at increased risk**
- **The choice of contrast medium**
 - **High –Versus low – osmolar contrast media**
- **Contrast media related to specific clinical areas**
 - **Renal tract**
 - **Nervous system**
 - **Cardiovascular system**
- **Prevention of adverse reactions to RCM**
- **Contrast media , the endothelium , and blood coagulation**

UNIT -X

Radiation hazards and protection

1. During radiography
2. During fluoroscopy
3. Effects of radiation on human tissues
4. Permissible doses
5. Measurement of radiation doses
6. Dosages in diagnostic radiology
7. Protective gadgets in RD Department
8. Radiation safety duties of radiologist, radiographer & Patient

Radiation preventive maintenance

1. General care
2. Maintenance of log book
3. Practical precautions
4. Brakes & Locks
5. HT Cables care
6. Care of meters & Controls
7. Care of tube stands & tracks
8. Care of accessory equipment
9. Functional tests for any faults
10. Failure of x-ray tubes
11. Failure of HT cables
12. Common trouble – shooting & remedies

Quality controls in radiology

1. QC Equipment requirements
2. General features of QC Protocols
3. Specific QC Protocols in imaging

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.

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

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

B) INSTRUCTIONS REGARDING OFFLINE OMR BASED EXAMINATION FOR CANDIDATES

- 1) The candidates have to report 30 minutes before to the examination venue to record their thumb impression on Biometric system.
- 2) The candidates should go through the instructions given on the cover page of test booklet and carefully write his/her Register Number, Subject / Subject Code, Booklet Series, Name of the Examination Centre etc., in the Answer Sheet, which will be provided to him/her in the examination hall.
- 3) Since the answer sheets are to be scanned (valued) with Optical Mark Scanner system, the candidates have to USE BALL POINT PEN (BLUE/BLACK) ONLY FOR MARKING THE ANSWERS. The candidates will be supplied OMR Sheet consists of two copies i.e., the Original Copy (Top Sheet) and Duplicate Copy (Bottom Sheet). The candidate is required to use Ball Point Pen (Blue or Black) for filling the relevant blocks in the OMR Sheet including bubbling the answers. **After writing the examination the candidate has to handover the original OMR sheet (Top Sheet) to the invigilator in the examination hall, if any candidate takes away the original OMR Sheet (Top Sheet) his/her candidature will be rejected. However the candidate is permitted to take away the duplicate (Bottom Sheet) OMR Sheet for his/her record.** The candidates should bring Ball Point Pen (Blue/Black and smooth writing pad) to fill up relevant columns on the Answer Sheet. The candidate must ensure encoding the Register Number, Subject/Subject Code, Booklet Series, Name of the Examination Centre, Signature of the Candidate and Invigilator, etc., on

the O.M.R. Answer sheet correctly, failing which the Answer sheet will be rejected and will not be valued. **Use of whitener on OMR Sheet will lead to disqualification.**

- 4) The OMR Sheet is to bubble only by Ball Point Pen (Blue/Black). Bubbling by Pencil / Ink Pen / Gel Pen is not permitted in this examination.
- 5) The candidates should satisfy the Invigilator of his identity with reference to the signature and photographs available on the Nominal Rolls and Hall Ticket.
- 6) No candidate should leave the examination hall till expiry of fulltime.
- 7) The Commission would be analyzing the responses of a candidate with other appeared candidates to detect patterns of similarity. If it is suspected that the responses have been shared and the scores obtained are not genuine/ valid, the Commission reserves the right to cancel his/ her candidature and to invalidate the Answer Sheet.
- 8) (i) Wherever Written Examination is held, only those candidates who are totally blind are allowed to write the examination with the help of scribe and 10 minutes extra time is permitted to them per hour.
 (ii) An extra time of 20 minutes per hour is also permitted for the candidates with locomotor disability and CEREBRAL PALSY where dominant (writing) extremity is affected for the extent slowing the performance of function (Minimum of 40% impairment). No scribe is allowed to such candidates.
 (iii) Scribe will be provided to those candidates who do not have both the upper limbs for Orthopedically Handicapped. However, no extra time will be granted to them.
 (a) The scribe should be from an academic discipline other than that of the candidate and the academic qualification of the scribe should be one grade lower than the stipulated eligibility criteria.
 (b) The candidate as well as the scribe will have to give a suitable undertaking confirming the rules applicable

C) INSTRUCTIONS REGARDING ONLINE EXAMINATION FOR CANDIDATES

- 1) Candidates shall report at the venue one and half hour (90 minutes) before the Commencement of Examination as the candidates have to undergo certain procedural formalities required for online examination.
- 2) Date and Time of the Examination as per Hall-Ticket
- 3) The examination link with the login screen will already be available on your system. Please inform the invigilator if this is not the case.
- 4) 10 minutes prior to the exam, you'll be prompted to login. Please type the Login ID (Roll No) and the Password (Password for Candidate will be given on exam day) to proceed further.
- 5) Invigilator will announce the password at 09.50 AM and 02.20 PM.
- 6) Copying or noting down questions and/or options is not allowed. Severe action will be taken if any candidate is found noting down the questions and/or options.
- 7) After logging in, your screen will display:
 - *Profile Information - Check the details & click on "I Confirm" or "I Deny".*
 - *Detailed exam instructions - Please read and understand thoroughly.*
 - *Please click on the "I am ready to Begin" button, after reading the instructions.*
- 8) You have to use the mouse to answer the multiple choice type questions with FOUR alternative answers.
- 9) To answer any numerical answer type question, you need to use the virtual numeric key pad and the mouse.
- 10) On the online exam question screen, the timer will display the balance time remaining for the completion of exam.
- 11) The question numbers are color coordinated and of different shapes based on the process of recording your response:
 - *White (Square) - For un-attempted questions.*
 - *Red (Inverted Pentagon) - For unanswered questions.*
 - *Green (Pentagon) - For attempted questions.*
 - *Violet (Circle) - Question marked by candidate for review, to be answered later.*
 - *Violet (Circle with a Tick mark) - Question answered and marked by candidate for review.*
- 12) After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.
- 13) Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.
- 14) To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.

- 15) A summary of each section, (i.e. questions answered, not answered, marked for review) is available for each section. You have to place the cursor over the section name for this summary.
- 16) In case you wish to view a larger font size, please inform the Invigilator. On the Invigilator's confirmation, click on the font size you wish to select. The font size will be visible on the top.
- 17) You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.
- 18) The SUBMIT button will be activated after 150 Minutes. It will continue for an additional 50 Minutes for PWD candidate eligible for compensatory time. Please keep checking the timer on your screen.
- 19) In case of automatic or manual log out, all your attempted responses will be saved. Also, the exam will start from the time where it had stopped.
- 20) You will be provided a blank sheet for rough work. Do write your Login ID and Password on it. Please ensure that you return it to the invigilator at the end of the exam after tearing ONLY the password from it.
- 21) Please don't touch the 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.
- 22) Please inform the invigilator in case of any technical issues.
- 23) Please do not talk to or disturb other candidates.
- 24) In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.
- 25) You cannot leave exam room before submitting the paper. Please inform the invigilator if you want to use the wash room.

ANNEXURE-V
LIST OF SCHEDULED CASTES AND SCHEDULED TRIBES

(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, Vannereddi, Pallikapu, Pallireddi) Neyyala, Pattapu.
- 2 Balasanthu, Bahurupi
- 3 *[Bandara]
- 4 Budabukkala
- 5 Rajaka (Chakali, Vannar)
- 6 Dasari (formerly engaged in Bikshatana i.e., Beggary)
- 7 Dommara
- 8 Gangiredlavaru
- 9 Jangam (whose traditional occupation is begging)
- 10 Jogi
- 11 Katipapala
- 12 *[Korcha]
- 13 Lambada or Banjara in Telangana area (deleted and included in ST list vide. G.O.Ms.No.149, SW, Dt.03.05.1978)
- 14 Medari or Mahendra
- 15 Mondivaru, Mondibanda, Banda
- 16 Nayi-Brahmin/Nayee-Brahmin (Mangali), Mangala and Bhajantri
- 17 Nakkala (deleted vide. G.O.Ms.No.21, BCW (C2) Dept., Dt.20.06.2011, since it is included in the list of Scheduled Tribes at Sl.No.34 vide. Scheduled Castes and Scheduled Tribes Order (Amendment) Act, 2002 (Central Act No.10 of 2003)
- 18 Vamsha Raj / Pitchiguntla

- 19 Pamula
- 20 Pardhi (Nirshikari)
- 21 Pambala
- 22 Peddammavandlu, Devaravandlu, Yellammavandlu, Mutyalammavandlu, Dammali / Dammala / Dammula / Damala
- 23 Veeramushti (Nettikotala), Veerabhadreeya
- 24 Valmiki Boya (Boya, Bedar, Kirataka, Nishadi, Yellapi, Pedda Boya), Talayari, Chunduvallu (Yellapi and Yellapu are one and the same as clarified vide. G.O.Ms.No.61, BCW (M1) Dept., Dt.05.12.1996)
- 25 Yerukalas in Telangana area (deleted and included at Sl.No.31 in the list of STs)
- 26 Gudala
- 27 Kanjara – Bhatta
- 28 *[Kalinga]
- 29 Kepmare or Reddika
- 30 Mondepatta
- 31 Nokkar
- 32 Pariki Muggula
- 33 Yata
- 34 Chopemari
- 35 Kaikadi
- 36 Joshinandiwalas
- 37 Odde (Oddilu, Vaddi, Vaddelu), Vaddera, Vaddabhovi, Vadiyaraj, Waddera
- 38 Mandula
- 39 Mehtar (Muslim)
- 40 Kunapuli
- 41 Patra
- 42 *[Kurakula]
- 43 *[Pondara]
- 44 *[Samanthula /Samantha/ Sountia / Sauntia]
- 45 Pala-Ekari, Ekila, Vyakula, Ekiri, Nayanivaru, Palegaru, Tolagari, Kavali (area confined to Hyderabad and Rangareddy Districts only)
- 46 Rajannala, Rajannalu (area confined to Karimnagar, Warangal, Nizamabad and Adilabad Districts only)
- 47 Bukka Ayyavars
- 48 Gotrala
- 49 Kasikapadi / Kasikapudi (area confined to Hyderabad, Rangareddy, Nizamabad, Mahaboobnagar and Adilabad Districts only)
- 50 Siddula
- 51 Sikligar/ Saikalgar
- 52 Poosala (included vide. G.O.Ms.No.16, BCW(C2) Dept., Dt.19.02.2009 by deleting from Sl.No.24 under Group-D)
- 53 *[Aasadula / Asadula]
- 54 *[Keuta / Kevuto / Keviti]
- 55 Orphan and Destitute Children who have lost their parents before reaching the age of ten and are destitute; and who have nobody else to take care of them either by law or custom; and also who are admitted into any of the schools or orphanages run by the Government or recognised by the Government.

GROUP-B
(Vocational Groups)

- 1 *[Achukatlavandlu]
- 2 Aryakshatriya, Chittari, Giniyar, Chitrakara, Nakhas
- 3 Devanga
- 4 Goud [Ediga, Gouda (Gamalla), Kalalee, Gounda, ***Settibalija of Visakhapatnam, East Godavari, West Godavari and Krishna districts**] and Srisayana (Segidi)
- 5 Dudekula, Laddaf, Pinjari or Noorbash
- 6 Gandla, Telikula, Devathilakula
- 7 Jandra
- 8 Kummara or Kulala, Salivahana
- 9 Karikalabhakthulu, Kaikolan or Kaikala (Sengundam or Sengunther)
- 10 Karnabhakthulu
- 11 Kuruba or Kuruma
- 12 *[Nagavaddilu]
- 13 Neelakanthi
- 14 Patkar (Khatri)
- 15 Perika (Perika Balija, Puragiri kshatriya)
- 16 Nessi or Kurni
- 17 Padmasali (Sali, Salivan, Pattusali, Senapathulu, Thogata Sali)
- 18 Srisayana (Segidi) (deleted vide. G.O.Ms.No.63, BCW (M1) Dept., Dt.11.12.1996 and added to Sl.No.4 of Group-B)
- 19 Swakulasali
- 20 Thogata, Thogati or Thogataveerakshatriya

- 21 Viswabrahmin (Ausula, Kamsali, Kammari, Kanchari, Vadla or Vadra or Vadrangi and Silpis), Viswakarma
- 22 *[Kunchiti / Vakkaliga / Vakkaligara / Kunchitiga]
- 23 Lodh/ Lodhi/ Lodha (area confined to Hyderabad, Rangareddy, Khammam and Adilabad Districts only)
- 24 Bondili
- 25 Are Marathi, Maratha (Non-Brahmins), Arakalies and Surabhi Natakavallu
- 26 Neeli (included vide. G.O.Ms.No. 43, BCW (C2) Dept., Dt.07.08.2008 by deleting from Group D at Sl.No.22)
- 27 Budubunjala / Bhunjwa / Bhadbhunja (area confined to Hyderabad and Rangareddy Districts only)
- 28 *[Gudia / Gudiya]

**GROUP-C
(Harijan Converts)**

- 1 Scheduled Castes converts to Christianity and their progeny

**GROUP-D
(Other Classes)**

- 1 *[Agaru]
- 2 Arekatika, Katika, Are-Suryavamshi
- 3 *[Atagara]
- 4 Bhatraju
- 5 Chippolu (Mera)
- 6 *[Gavara]
- 7 *[Godaba]
- 8 Hatkar
- 9 *[Jakkala]
- 10 Jingar
- 11 *[Kandra]
- 12 Koshti
- 13 Kachi
- 14 Surya Baliya (Kalavanthula), Ganika
- 15 Krishnabaliya (Dasari, Bukka)
- 16 *[Koppulavelamas]
- 17 Mathura
- 18 Mali (Bare, Barai, Marar and Tamboli)
- 19 Mudiraj, Mutrasi, Tenugollu
- 20 Munnurukapu
- 21 *[Nagavasam (Nagavamsa)]
- 22 Nelli (deleted vide. G.O.Ms.No.43, BCW(C2) Dept., Dt.07.08.2008 and added at Sl.No.26 in Group 'B')
- 23 *[Polinati Velamas of Srikakulam and Visakhapatnam districts]
- 24 Poosala caste (deleted vide. G.O.Ms.No.16, BCW(C2) Dept., Dt.19.02.2009 and included at S.No.52 under Group-A)
- 25 Passi
- 26 Rangarez or Bhavasara Kshatriya
- 27 Sadhuchetty
- 28 Satani (Chattadasrivaishnava)
- 29 Tammali (Non-Brahmins) (Shudra caste) whose traditional occupation is playing musical instruments, vending of flowers and giving assistance in temple service but not Shivarchakars
- 30 *[Turupukapus or Gajulakapus]
- 31 Uppara or Sagara
- 32 Vanjara (Vanjari)
- 33 Yadava (Golla)
- 34 Are, Arevalla and Arollu
- 35 *[Sadara / Sadaru]
- 36 *[Arava]
- 37 Ayyaraka (area confined to Khammam and Warangal Districts only)
- 38 Nagaralu (area confined to Hyderabad and Rangareddy Districts only)
- 39 Aghamudian, Aghamudiar, Agamudivellalar and Agamudimudaliar (including Thuluva Vellalas) (area confined to Hyderabad and Rangareddy Districts only)
- 40 *[Beri Vysya / Beri Chetty]
- 41 *[Atirasa]
- 42 Sondi / Sundi
- 43 Varala
- 44 Sistikaranam
- 45 Lakkamarikapu
- 46 Veerashaiva Lingayat / Lingabaliya
- 47 Kurmi

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

- 1 Achchukattalavandlu, Singali, Singamvallu, Achchupanivallu, Achchukattuvaru, Achukatlavandlu
- 2 Attar Saibulu, Attarollu
- 3 Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tsakalas, Sakalas or Chakalas, Muslim Rajakas
- 4 Faqir, Fhagir Budbudki, Ghanti Fhagir, Ghanta Fhagir, Turaka Budbudki, Darvesh, Fakeer
- 5 Garadi Muslim, Garadi Saibulu, Pamulavallu, Kani-Kattuvallu, Garadollu, Garadiga
- 6 Gosangi Muslim, Phakeer Sayebulu
- 7 Guddi Eluguvallu, Elugu Bantuvallu, Musalman Keelu Gurravallu
- 8 Hajam, Nai, Nai Muslim, Navid
- 9 Labbi, Labbai, Labbon, Labba
- 10 Pakeerla, Borewale, Deera Phakirlu, Bonthala
- 11 Qureshi, Kureshi/ Khureshi, Khasab, Marati Khasab, Muslim Katika, Khatik Muslim
- 12 Shaik/ Sheikh
- 13 Siddi, Yaba, Habshi, Jasi
- 14 Turaka Kasha, Kakkukotte Zinka Saibulu, Chakkitakanevale, Terugadu Gontalavaru, Thirugatigantla, Rollaku Kakku Kottevaru, Pattar Phodulu, Chakketakare, Thuraka Kasha

* 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.