

TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD

NOTIFICATION NO.42/2017, DATED: 15/08/2017

**TUTORS IN DIRECTOR OF MEDICAL EDUCATION (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](http://www.tspsc.gov.in)) to the post of Tutors in Director of Medical Education (HM & FW Department)

- i. **Submission of ONLINE applications from Dt. 22/08/2017**
- ii. **Last date for submission of ONLINE applications Dt. 15/09/2017**
- iii. **Hall Tickets can be downloaded 07 days before commencement of Examination.**

2) The Examination is likely to be held on Dt. 14/10/2017 FN&AN. 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:-

Sl.No.	Name of the Post	No. of Vacancies	Age as on 01/07/2017 Min. Max.	Scale of Pay Rs.
1	Tutor(Clinical)	33	18 – 44*	15,600-39,100/- (UGC)
2	Tutor(Non-Clinical)	32		
Total		65		

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

Sl. No.	Name of the Post	Educational Qualifications
1	Tutor(Clinical)	As per Medical Council of India Regulations, MBBS for Clinical Departments.  The applicant Must register the MBBS qualification on permanent basis, with Telangana State Medical Council.
2	Tutor(Non-Clinical)	As per Medical Council of India Regulations, MBBS/MSc (Medical in concerned Specialty) for non-Medical persons.  The applicant Must register the MBBS qualification on permanent basis, with Telangana State Medical Council.  With regard to (5) other eligibility qualifications (i.e., M.Sc. Bio-/chemistry (Medical), M.Sc. Anatomy (Medical), M.Sc. Physiology (Medical), M.Sc. Pharmacology (Medical) and M.Sc. Micro-Biology (Medical), registration with the Telangana State Medical Council is not mandatory.

**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 (44years):** 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 by 10 years.**

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

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

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

Sl. No.	Category of candidates	Relaxation of age permissible
<b>1</b>	<b>2</b>	<b>3</b>
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

**EXPLANATION:**

After provision of the relaxation of Age in Col. No. 3 of table above; the age shall not exceed the maximum age prescribed for the post for the candidates at Sl. No. 3 & 4.

The age relaxations for Ex-Servicemen is applicable for those who have been released from Armed Forces otherwise than by way of dismissal or discharge on account of misconduct or inefficiency.

**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 categories of candidates are exempted from payment of Examination fee.

- a) SC, ST & BC candidates 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) 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 040-23120301 or 040-23120302(Call Time: 10.30 A.M to 1.00 P.M & 1.30 P.M to 5.30 P.M) or mail to [helpdesk@tspsc.gov.in](mailto:helpdesk@tspsc.gov.in)

**NOTE:**

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

**PARA- IV GENERAL PROVISIONS**

1. Applicant must compulsorily fill-up all relevant columns of application and submit application through website only. The particulars made available in the website shall be processed through computer and the eligibility decided in terms of notification.
2. The applications received online in the prescribed proforma available in the website and within the time shall only be considered and the Commission will not be held responsible for any kind of discrepancy.
3. Applicants must upload his/her own scanned photo and signature through J.P.G format.
4. The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.
5. All the essential certificates issued by the competent authority of Telangana State shall compulsorily be kept with the applicants to produce as and when required to do so. Failure to produce the required certificates on the day of verification will lead to disqualification.
6. **Important** – The claim of the candidates with regard to the date of birth, educational / technical qualifications, experience and community are accepted only provisionally on the information furnished by them in their application form and is subject to verification and satisfaction of the Commission. Mere admission to any test or interview or inclusion of the name of a candidate in a Merit List will not confer on the candidate any right for appointment. The candidature is therefore, provisional at all stages and the Commission reserve the right to reject candidature at any stage of the selection even after the advice has been made.
7. This Recruitment is entrusted to TSPSC vide G.O.Ms. No.89, Finance (HRM.VII) Department, Dt.13/07/2016.

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)
- vii). Proof of registration certificate as prescribed in the Qualification.

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)

**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.154, Health Medical & Family Welfare (A2) Department, Dated:04/05/2002, G.O.Ms.No., 143, HM&FW Dept(B2) Department, Dated:01/08/2017 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. **State Cadre Post:- The post is identified as State Cadre Post, hence reservation for Local Candidates is not applicable**
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) **As per Special Rules of the Department, Reservation to Disabled persons is not applicable.**
- (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.

**PARA-VI:** Reservation to the Local candidates is not applicable as the selection will be made on state-wide merit basis.

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

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

THE SELECTION OF CANDIDATES FOR APPOINTMENT TO THE POSTS WILL BE MADE IN TWO SUCCESSIVE STAGES VIZ.,

i) Examination (Objective Type) by Online / OMR based.

and

ii) Interview (only for those qualified as per Rules).

THE FINAL SELECTION OF THESE POSTS WILL BE BASED ON THE EXAMINATION EITHER ONLINE OR OMR BASED AND INTERVIEW MARKS PUT TOGETHER.

1. Only those candidates who qualify in the Examination in order of merit will be called for verification of certificate and Interviews in 1:2 ratio, Community and Category wise for the vacancies available. The minimum qualifying marks for Interview / Selection are OCs 40%, BCs 35% ,SCs and STs 30% or as per the Rules. The minimum qualifying marks are relaxable in the case of SC/ST/BC at the discretion of the Commission.

2. The candidates will be selected on state wide merit as per their rank in the merit list 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 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. While the Commission calls for preference of Candidates in respect of posts 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 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 considered by them to be qualified and eligible, subject to fulfilling the selection criterion.

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](http://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:15/08/2017**

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

**ANNEXURE – I**

**(GENERAL RECRUITMENT)**

**BREAKUP OF PROVISIONAL VACANCIES FOR THE POST OF TUTORS IN DIRECTOR  
OF MEDICAL EDUCATION**

**(CLINICAL)**

	OC		BC-A		BC-B		BC-C		BC-D		BC-E		SC		ST		TOTAL		GRAND
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	TOTAL
State wide	11	06	02	01	01	01	01	-	-	01	-	01	03	02	02	01	20	13	33
<b>TOTAL</b>	<b>11</b>	<b>06</b>	<b>02</b>	<b>01</b>	<b>01</b>	<b>01</b>	<b>01</b>	<b>-</b>	<b>-</b>	<b>01</b>	<b>-</b>	<b>01</b>	<b>03</b>	<b>02</b>	<b>02</b>	<b>01</b>	<b>20</b>	<b>13</b>	<b>33</b>

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

**BREAKUP OF PROVISIONAL VACANCIES SUBJECT WISE FOR THE POST OF  
TUTORS IN DIRECTOR OF MEDICAL EDUCATION**

**(NON-CLINICAL)**

State wide/ SUBJECT	OC		BC-A		BC-B		BC-C		BC-D		BC-E		SC		ST		TOTAL		GRAND TOTAL
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	
ANATOMY	02	02	-	01	-	-	-	-	-	-	-	-	01	01	-	01	03	05	08
PHYSIOLOGY	03	02	-	01	-	-	-	-	-	-	-	-	01	01	-	01	04	05	09
BIOCHEMISTRY	02	02	-	01	-	-	-	-	-	-	-	-	01	01	-	-	03	04	07
PHRMACOLOGY	01	01	-	01	-	-	-	-	-	-	-	-	-	01	-	-	01	03	04
MICROBIOLOGY	01	01	-	01	-	-	-	-	-	-	-	-	-	01	-	-	01	03	04
<b>TOTAL</b>	<b>09</b>	<b>08</b>	<b>-</b>	<b>05</b>	<b>-</b>	<b>03</b>	<b>05</b>	<b>-</b>	<b>02</b>	<b>12</b>	<b>20</b>	<b>32</b>							

**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.**

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

<b>CHANNEL</b>		<b>AMOUNT RS.</b>	<b>PRICING IN RS.</b>
Internet Banking			
State Bank Group (6 Banks)		All amounts	Rs.3/-per transaction +Taxes
All other Banks	List-A (21 Banks)	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
<b>Debit Card</b>			
All Banks ( Master/Mastreo/Visa/Rupay )		Up to 2000/-	0.75 % of the transaction amount + Taxes
		2001/- & above	1.00% of the transaction +Taxes
<b>Credit card</b> (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 TUTOR (CLINICAL) IN HM & FW DEPARTMENT

##### Scheme of Examination

<b>Part-A:WRITTEN EXAMINATION (Objective Type)</b>	<b>No.of Questions</b>	<b>Duration (Minutes)</b>	<b>Maximum Marks</b>
Paper-I: General Studies and General Abilities	<b>150</b>	<b>150</b>	<b>150</b>
Paper-II: Medical Science & General Medicine (Degree Level)	<b>150</b>	<b>150</b>	<b>300</b>
<b>Part-B:Interview</b>			<b>50</b>
<b>Total</b>			<b>500</b>

##### Syllabus

#### PAPER-I: GENERAL STUDIES AND 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: MEDICAL SCIENCE & GENERAL MEDICINE

### 1. Anatomy

The subject deals with the structure of human body. The curriculum for subject is as follow:

- a. General Anatomy
- b. Regional Anatomy
  - i. Upper limb
  - ii. Lower limb
  - iii. Abdomen and Pelvis
  - iv. Thorax
  - v. Head & Neck
  - vi. Spinal Cord & Brain
- c. Micro-Anatomy
  - i. General Histology
  - ii. Systemic Histology
- d. Developmental Anatomy
  - i. General Embryology
  - ii. Systemic Embryology
- e. Genetics
- f. Radiological Anatomy, USG, CT, MRI
- g. Surface Anatomy, Living & Marking

### 2. Physiology

- a. General Physiology.
- b. Hematology
- c. Nerve
- d. Muscle
- e. Respiratory Physiology
- f. Cardiovascular Physiology
- g. Renal Physiology
- h. Body Temperature Regulation
- i. Alimentary System
- j. Nutrition
- k. Endocrine System
- l. Reproductive Physiology
- m. Special Senses: Eye, Ear, Taste, Smell
- n. Central Nervous System
- o. Bio Physics
- p. Environmental Physiology

### 3. Bio ChEMISTRY

- a. Molecular and functional organization of a cell and its sub-cellular components.
- b. Chemistry of enzymes and their clinical applications.
- c. Chemistry and metabolism of proteins and related disorders.
- d. Chemistry and metabolism of purines and pyrimidines and related disorders.
- e. Chemistry and functions of DNA and RNA, Genetic code; Protein bio synthesis & regulation (Lac-operon)
- f. The principles of genetic engineering and their applications in medicine.
- g. Chemistry and Metabolism of haemoglobin.
- h. Biological oxidation.
- i. Molecular concept of body defense and their applications in medicine.
- j. Vitamins and Nutrition.
- k. Chemistry and metabolism of carbohydrates and related disorders.
- l. Chemistry and metabolism of lipids and related disorders.
- m. Mineral metabolism: Water and electrolyte balance & imbalance.
- n. Acid base balance and imbalance.
- o. Integration of various aspects of metabolism and their regulatory pathways. Starvation metabolism.

- p. Mechanism of hormone action.
- q. Environmental biochemistry.
- r. Liver function tests, Kidney function tests, Thyroid function tests
- s. Detoxification mechanisms.
- t. Biochemical basis of cancer and carcinogenesis.
- u. Radioisotopes.
- v. Investigation techniques Colorimeter, Electrophoresis, Chromatography & Flame photometer.

#### **4. Pathology**

- a. General Pathology
- b. Haematology
- c. Systemic Pathology
- d. Clinical Pathology
- e. Autopsy

#### **5. Microbiology**

- a. General Microbiology
- b. Immunology
- c. Systemic Bacteriology
- d. Mycology
- e. Virology
- f. Parasitology

#### **6. Pharmacology**

- a. Introduction to Pharmacology
- b. General Pharmacology:
- c. Autonomic Pharmacology:
- d. Cardiovascular System Including Drugs Affecting Coagulation and Those Acting On Kidneys:
- e. Haematinics and Haematopoietic Factors:
- f. Neuropsychiatric Pharmacology Including Inflammation, Pain & Substance Abuse
- g. Chemotherapy Including Cancer Chemotherapy:
- h. Endocrinology:
- i. Agents Used In Gastrointestinal Disorders:
- j. Peri operative Management
- k. Rational Pharmacotherapy:
- l. Miscellaneous Topics:  
Anti Allergies, Immuno modifying drugs, vaccines, Sera, Drugs acting on uterus, Drug interactions, Chelating Drugs, Drugs in extremes of age, Pregnancy, Drugs in organ disfunction, General anaesthetics, ocular and dermatological pharmacology.

#### **7. Forensic Medicine and Medical Jurisprudence and Toxicology**

- a. History of Forensic Medicine
- b. Need, Scope, Importance and probative value of Medical evidence in Crime Investigation
- c. Personal identity need and its importance.
- d. Mechanical Injuries And Burns
- e. Medico-Legal Aspects of Sex, Marriage And Infant Death
- f. Medico-Legal Aspects Of Death
- g. Medico-Legal Autopsy
- h. Forensic Psychiatry
- i. Poisons And Their Medico-Legal Aspects
- j. Forensic Science Laboratory
- k. Legal And Ethical Aspects Of Practice Of Medicine
- l. Definition Of Health And Items To Certify About Health
- m. Acts And Schemes Related To Medical Profession

#### **8. Social and Preventive Medicine / Community Medicine**

- a. Basic concept of Health and disease
- b. Principles of epidemiology and epidemiological methods
- c. Screening for diseases
- d. Epidemiology of Communicable diseases

- e. Epidemiology of chronic non-communicable diseases and conditions
- f. National Health Programmes of India
- g. Essential medicines and counterfeit medicines
- h. Demography and family planning
- i. Preventive medicine in obstetrics paediatrics and geriatrics
- j. Nutrition and health
- k. Medicine and social sciences
- l. Environment and health
- m. Hospital waste management
- n. Disaster management
- o. Occupational health
- p. Genetics and health
- q. Mental health
- r. Health information and basic medical statistics
- s. Communication for health education
- t. Health planning and management
- u. Health care of the community
- v. NGO's & International health

### **9. Medicine**

- a. Principles of Medicine. Good medical practice, Therapeutics, Molecular & Genetic factors in disease, Immunological factors in disease, Environmental & nutritional factors in disease, Principles of Infectious diseases, Ageing & disease.
- b. Practice of Medicine.
- c. Critical Illness, Acute medical care, Emergencies & total management.
- d. Poisoning,
- e. Medical psychiatry,
- f. Oncology,
- g. Palliative care and pain,
- h. Infectious disease,
- i. HIV & AIDS,
- j. STD's,
- k. Clinical Biochemistry & Metabolism, & Lab reference ranges,
- l. Kidney & Urinary tract disease,
- m. Cardiovascular system,
- n. Respiratory diseases,
- o. Endocrine Diseases and Diabetes
- p. Alimentary Tract and Pancreatic Diseases
- q. Liver and Biliary Diseases
- r. Blood Diseases,
- s. Musculo Skeletal Diseases,
- t. Neurological diseases,
- u. Stroke,
- v. Skin diseases,
- w. Geriatrics.

### **10. Paediatrics**

- a. Introduction of Paediatrics.
- b. Normal Growth and Normal Development and its disorders.  
Adolescent health and Development
- c. Nutrition, Micro nutrients in health and diseases
- d. New born infant
- e. Immunization and Immuno deficiencies
- f. Infections and infestations
- g. Disorders of gastro intestinal system, liver and Fluid & Electrolyte disturbances
- h. Disorders of Respiratory system, Cardio vascular system, Kidney, Urinary tract, Endocrine, Metabolic, Rheumatological, Genetic and Neuro Muscular
- i. Central nervous system
- j. Inborn Errors of Metabolism
- k. Haematological disorders

- l. Childhood malignancies
- m. Poisonings, injuries and accidents
- n. Paediatric critical care
- o. National Health Programme for Child including Immunization Programmes

### **11. Psychiatry**

- a. Nature and development of different aspects of normal human behaviour like learning memory, motivation, personality and intelligence.
- b. Recognition of differences between normal and abnormal behaviour,
- c. Classification of psychiatric disorders
- d. Organic psychosis,
- e. Functional psychosis,
- f. Schizo-phrenia,
- g. Affective disorders,
- h. Neurotic disorders,
- i. Personality disorders,
- j. Psycho-physiological disorders,
- k. Drug & Alcohol dependence,
- l. Psychiatric disorders of childhood and adolescence
- m. Use of different modes of Therapy in Psychiatric Disorders

### **12. Dermatology and Sexually Transmitted Diseases and Leprosy**

- a. Common skin diseases etiology pathology clinical features complications investigations and complete management
- b. Common sexually transmitted diseases etiology pathology clinical features complications investigations and complete management National AIDS control programmes
- c. Leprosy etiology pathology clinical features investigations complications and complete management, National leprosy eradication programme
- d. Various modes of topical therapy, Commonly used drugs, their doses, side-effects/toxicity, indications and contraindications and interactions common dermatological medical and surgical procedures for various skin diseases and STD's

### **13. Tuberculosis and Respiratory Diseases**

- a. Common chest diseases clinical manifestations, investigations, complications and complete management.
- b. Mode of action of commonly used drugs, their doses, side effects/ toxicity, indications and contra-indications and interactions, common medical and surgical procedures for various respiratory diseases and tuberculosis and National Tuberculosis Control Programmes.

### **14. Radiodiagnosis and Radiotherapy**

#### **Radiodiagnosis,**

- a. Basics of X-Ray production it's uses and hazards.
- b. Identification and diagnosis of changes in bones like fractures, infections, tumour and metabolic diseases.
- c. Identification and diagnosis of various radiological changes in diseases conditions of chest & mediastinum, skeletal system, GIT, Hepatobiliary system, and Genito-urinary system.
- d. Isotopes, Computerised Tomography(CT) Ultrasound, Magnetic Resonance Imaging(M.R.I.) and D.S.A.

#### **Radiotherapy**

- a. Symptoms and signs of various cancers, investigations and management.
- b. Basic principles of Radiotherapy and effect of radiation therapy on human beings
- c. Radio-active isotopes and their physical properties.
- d. Advances made in radiotherapy in cancer management
- e. Radiotherapeutic equipment.

## 15. Surgery

### I. General Principles

- a. Wound healing and management, management of severely injured. Metabolic response to injury
- b. Asepsis, antisepsis, sterilization.
- c. Surgical sutures.
- d. Acute, chronic Surgical infections and their management. Bites and stings.
- e. Hospital infection.
- f. AIDS and Hepatitis B; Occupational hazards and prevention.
- g. Mechanism and Management of missile, blast and gunshot injuries. Trauma and Disaster Management.
- h. Organ transplantation - Basic principles.
- i. Nutritional support to surgical patients.
- j. Diagnostic Imaging
- k. Resuscitation, Fluid electrolyte balance, Shock, Blood transfusion and Common postoperative complications.
- l. Anaesthesia and pain relief
- m. Day care surgery
- n. Principles of Laparoscopic and Robotic surgery
- o. Principles of Oncology
- p. Surgical Audit and Research.

### II. Etiopathology Clinical Features and Management of :

- a. Common skin and subcutaneous conditions.
- b. Disorders of Arteries, Veins, Lymphatics and Lymph nodes
- c. Burns
- d. Disorders of Scalp, Skull and Brain
- e. Disorders of Oral cavity, jaws, salivary glands and neck.
- f. Disorders of Thyroid, Para Thyroid and Adrenal glands
- g. Diseases of Thorax, Heart, Pericardium and Breast
- h. Diseases of Oesophagus, Stomach, Duodenum, Liver, Spleen, Gall Bladder, Bile ducts, Pancreas, Peritoneum, Omentum, Mesentery and Retroperitoneal space.
- i. Diseases of Small Intestine, Large Intestine, Appendix, Rectum, Anal Canal.
- j. Acute Abdomen and Hernias.
- k. Diseases of Genito-Urinary system, Prostate, Seminal Vesicles, Urethra, Penis, Scrotum and Testis.

## 16. Orthopedics

### Applied Anatomy, Etiopathogenesis, Clinical features and Management of:

- a. Bone injuries and dislocations
- b. Common infections of bones and joints,
- c. Congenital and skeletal anomalies,
- d. Common Degenerative and Metabolic Bone diseases in India,
- e. Neoplasms affecting Bones, joints and soft tissues.
- f. Sports injuries.

## 17. E.N.T.

- a. Anatomy and physiology of Ear, Nose, Throat
- b. Diseases of the Ear
- c. Diseases of the Nose and paranasal sinuses
- d. Diseases of the Oral Cavity and Salivary Glands
- e. Diseases of the pharynx
- f. Diseases of the Larynx and Trachea
- g. Diseases of the Oesophagus
- h. Deafness, Audiometry, Hearing Aids, and Rehabilitation

## 18. Ophthalmology

- a. Introduction Anatomy & Physiology of the Eye
- b. Ophthalmic Optics and Refraction
- c. Common Disease of Eye.

- d. Disorders of Ocular Motility
- e. Diseases of the Eye Adnexa
- f. Systemic Ophthalmology
- g. Principles of Management of Major Ophthalmic Emergencies
- h. Ophthalmic Pharmacology
- i. Community Ophthalmology and NPCB
- j. Nutritional Ophthalmology

**19. Obstetrics and Gynaecology**

- a. Anatomy, Physiology, Patho Physiology of Reproductive system, common conditions affecting it and its management.
- b. Normal pregnancy, Labour, Puerperium and the Management of concerned problems.
- c. Causes of maternal and perinatal morbidity and mortality
- d. Principles of contraceptions and various techniques, methods of Medical termination of pregnancy, sterilization and their complications.
- e. Use and abuse and side effects of drugs in pregnancy, pre-menopausal and post-menopausal periods.
- f. National programmes, maternal child health and family welfare and their implementation at various levels.
- g. Common Gynaecological diseases and principles of their management.
- h. Common obstetrical diseases and their medical and surgical management.

**SCHEME AND SYLLABUS FOR THE POST OF TUTOR (NON-CLINICAL) IN HM & FW DEPARTMENT**

**Scheme of Examination**

<b>Part-A:WRITTEN EXAMINATION (Objective Type)</b>	<b>No.of Questions</b>	<b>Duration (Minutes)</b>	<b>Maximum Marks</b>
Paper-I: General Studies and General Abilities	<b>150</b>	<b>150</b>	<b>150</b>
Paper-II: Anatomy/ Physiology/ Biochemistry/Pharmacology/Microbiology (P.G Level)	<b>150</b>	<b>150</b>	<b>300</b>
<b>Part-B:Interview</b>			<b>50</b>
<b>Total</b>			<b>500</b>

**Syllabus**

**PAPER-I: GENERAL STUDIES AND 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: ANATOMY**

### **General Anatomy**

Tissues of the body;  
 General osteology,  
 Arthrology,  
 Muscle & fascia,  
 Nervous system,  
 Principles governing arterial, Venous and lymphatic pathways  
 Innervation of blood vessels.

### **Gross Anatomy**

- Detailed gross anatomy of the human body, including cross sectional anatomy. Anatomical basis of clinical conditions.
- Embalming and museum techniques

### **Radiological Anatomy**

- Principles involved in plain radiography, Special investigative procedures and newer imaging techniques such as ultrasound, CT-scans, MRI, PET, etc.

### **Embryology**

#### *General embryology*

- Special embryology of all the systems of the body including variations and congenital anomalies.

### **Genetics**

- Structure of chromosomes,
- Structure of gene,
- Karyotype,
- Chromosomal aberrations,
- Inheritance,
- Basic Molecular genetics,
- Common Genetic disorders.

### **Histology**

- Histological and Museum Techniques,
- Microscopes – All Types,
- Care and maintenance of light microscope.
- General histology,
- Special histology of the systems of the body including their electronmicroscopic appearance.

### **Neuroanatomy**

Structural organization of various parts of the nervous system with particular reference to their connections and functions.

Localisation & effects of lesions in different parts of the central nervous system and nerve injuries.

Neuroanatomical techniques for demonstration of Nissl substance, processes myelin sheath.

**Applied Anatomy including Radio Anatomy and Recent Advances**

- a) Applied aspects of Human Anatomy including surgical approaches to various structures and organs.
- b) Principles of Newer Imaging Techniques.
- c) Determination of age, sex, stature and race from skeletal remains.
- d) Determination of age of a living individual.
- e) theoretical aspects of examination of Hair and Nail including difference between human and animal hairs.
- f) Application of Anatomical knowledge of fertility control
- g) Immunological basis of tissue typing and organ transplant
- h) Sectional Anatomy
- i) Principles and Interpretation of CT Scan, Sono Grapy and MRI.
- j) Surface Anatomy
- k) Principles of Physical Anthropology
- l) Museum Techniques
- m) Embalming Techniques including medico-legal aspects.

## **PAPER.II: PHYSIOLOGY**

### **General and Cellular Physiology including Genetic Basic and Historical Perspectives.**

1. Physiology of cell; various cellular mechanisms. Genetic control mechanisms.
2. Various principles involved in physiological phenomenon, e.g. haemodynamics, bio-electrical potentials, body fluids, methods of measurements.
3. Interaction of human body in ambient environment including high altitude and deep sea.
4. Sports physiology
5. Yoga & Meditation.
6. History of Physiology

### **Systemic Physiology (Systems providing Transport, Nutrition & Energy)**

1. Blood & Immunity
2. Cardio Vascular system
3. Respiratory System
4. Gastro Intestinal Tract & Dietary requirements
5. Excretion, pH & water & Electrolyte balance
6. Comparative Physiology

### **Systemic Physiology (Systems concerned with procreation, regulation & neural control)**

1. Reproduction & family planning / foetal & Neonatal physiology
2. Nerve – Muscle Physiology
3. Endocrine Physiology
4. Central Nervous System
5. Special Senses

### **Applied Physiology including recent advances**

1. Patho-physiology pertaining to systematic physiology
2. Physiological basis of various Evaluation tests
3. Statistics
4. Recent advances
5. Growth and development including aging

## PAPER.II: BIOCHEMISTRY

### 1. Physical, Organic aspects of Biochemistry and Biochemical Techniques.

- a) Electrolytes, pH buffer system, colloids, law of mass action, surface tension, osmosis, bioenergetics, diffusion, and molecular weight determination.
- b) Analytical Biochemistry & Instrumentation, Principles & application of colorimetry, fluorometry, spectrophotometry, radio isotopic techniques, atomic absorption, spectroscopy, osmometry centrifugation, nephelometry and chemiluminescence.
- c) Bioseparative techniques:  
Chromatography – Column, TLC, GLC, HPLC, affinity,  
Electrophoresis – Paper, Agarose, SDS, PAGE
- d) Protein conformation, interactions, structure activity relationship
- e) Only the description of accepted structures is required. Structure, physical and chemical properties of the following are required.
  - Ribose, xylose, mannose, galactose, fructose, deoxy sugars, aminosugars, uronic acids, lactose, maltose, sucrose, starch, insulin, glycogen, cellulose, glycoaminoglycans.
  - Saturated & unsaturated fatty acids, their derivatives, triacyl glycerol, phospholipids, glycolipids, sterols, lipoproteins.
  - Amino acids, peptides, polypeptides, hemoglobin, immunoglobins, collagen and proteoglycans, levels of organization of proteins with reference to insulin & Hb. Protein conformation, interaction and structure activity relationship.
  - Purine, pyrimidine, their derivatives, nucleic acids, nucleotide & polynucleotides.

### 2. Bio-Statistics

- a) Basic principles and concepts of biostatistics and applied to health sciences, like concepts of probabilities, mean, standard deviation, law of chance, binomial expression, Bare Heineberg Law st. test/ analysis of variance, coefficient of correlation, evaluation of new diagnostic procedure etc.
- b) Statistical methods in research, mean, SD, SE, P distribution, regression and correlations.
- c) Computer based applications.

### 3. Cell Physiology

- a) Structure of cell, general and specific features, cytoskeleton, nucleus, nucleolus, mitochondria and plasmic reticulum, ribosomes, golgi complex, lysosomes, plasma membranes, gap junctions, cell division – mitosis and meiosis, cell cycle.
- b) Ultra centrifugation, cell fractionation and differentiation of cellular and sub-cellular organelles.
- c) Bio-membranes, receptors, membrane bound substance mechanisms of transport across the cell membranes.

### 4. Molecular Biology and Human Genetics

- a) DNA & RNA as genetic materials, duplication of RNA and DNA, transcription, messenger, transfer and ribosomes, their structure and function regulation and expression of genes, regulation of translation, genetic engineering, molecular biology and viruses, molecular basis of cancer.
- b) Mechanism of action of cytotoxic drugs and antibiotics.
- c) Immunogenetics, cytogenetics, genetic counselling, medical ethics.

### 5. Enzymes

- a) General properties, classification and nomenclature, kinetic model, Km value factors influencing enzyme action, specificity, mechanism of enzyme action, enzyme kinetics, regulation of enzyme action, isolation, isoenzymes, coenzymes, clinical enzymology.
- b) Biological oxidation and reduction, bioenergetics.

- c) Digestion and absorption of food and their nutrients.
- d) Detoxication/ xenobiotics.
- e) Chemical anatomy of human body

#### **6. Vitamins**

- a) Structure, sources, daily requirements, physiological role and deficiency manifestations of vitamins, hypo and hyper vitaminoses and vitamins.
- b) Mechanisms of action of coenzymes.
- c) Mineral metabolism and role of micro and macronutrients.

#### **7. Intermediary Metabolism**

- a) Methods of studying intermediary metabolism
- b) Intermediary metabolism of carbohydrates, lipids, proteins and amino acids, nucleic acids in human system.
- c) Muscular contraction, nerve conduction, coagulation of blood.
- d) Metabolism in specialized tissues like erythrocytes, lens nervous tissue etc.
- e) Metabolic interrelationships and metabolism in starvation.

#### **8. Inborn errors of Metabolism**

Inborn of carbohydrates, lipids amino acids, protein nucleic acids, mineral metabolism.

#### **9. Human Nutrition**

Principal food components, general nutritional requirements, energy requirements, biological value of proteins, specify dynamic action, balanced diet, diet formulation in health and disease, mixed diet, nutritional supplements, food toxins and additives, parental nutrition, disorders of nutrition, obesity, protein and protein energy, malnutrition dietary fibres, under-nutrition, laboratory diagnosis of nutritional disorders, National Nutritional Programme.

#### **10. Clinical Biochemistry along with Investigative Aspects**

- a) Diabetes mellitus and secondary degenerative changes associated with diabetes mellitus, glycogenosis, galactosemia educing substances in urine and aids to laboratory diagnosis of these disorders.
- b) Ketosis, atherosclerosis, fatty liver, lipidoses, hyperlipoproteinemias, hypolipoproteinemias and laboratory diagnosis.
- c) Aminoacidurias, uremia, phenyl ketonuria, hemoglobinopathies, immunoglobulinopathies, porphyries laboratory diagnosis.
- d) Mal-absorption syndromes and their laboratory diagnosis.
- e) Gastric and pancreatic function tests.
- f) Acid base balance, fluid and electrolyte balance and related disorders; renal function tests.
- g) CSF in health and disease
- h) Hepatobiliary function tests and jaundice
- i) Clinical enzymology
- j) Endocrinal disorders and laboratory diagnosis
- k) Diseases of circulatory system, hemopoietic.
- l) Diseases of heart, kidneys – principles of peritoneal and hemodialysis.
- m) Diseases of digestive systems and related organs like liver, pancreas etc.
- n) Diseases of lungs, musculoskeleton system.
- o) Diseases of central nervous system.
- p) Hereditary disorders.
- q) Immunological disorders.
- r) Radioimmunoassays and enzyme immunoassay and their clinical applications.
- s) Investigative aspects of all diseases mentioned above in the course content.

**11. Immunology****12. Endocrinology**

- a) Classification and general mechanism of action of hormones.
- b) Biogenesis secretion, control, transport and mode of action of following – hypothalamic peptides, adenohipophyseal and neurohipophyseal hormones, thyroid parathyroid hormones calcitonin pancreatic hormones, adenocortical and meddulary hormones, gonadal hormones, gastrointestinal hormones, opioid peptides, exorphins, parahormones.
- c) Biochemistry of conception, reproduction and contraception
- d) Endocrine interrelationship and their involvement in metabolic regulation.
- e) Neuro modulators and their mechanism of action, physiological significance.

## **PAPER.II: PHARMACOLOGY**

### **General Pharmacological Principles and Applied Sciences:**

Theories and mechanism of drug action, Pharmacokinetic principles and parameters, Factors modifying drug action, Pharmacogenetics, Chrono-pharmacology, Adverse effects of drugs, Drug dependence, Toxicology, Dose-response relationships, structure-activity relationships, Physiological and biochemical basis of drug action, Etiopathogenesis of diseases relevant to therapeutic use of drugs, Basic microbiology, immunology and molecular biology. History of pharmacology, sources of drug information and use of Information Technology.

### **Systemic Pharmacology, Chemotherapy and Therapeutics:**

Pharmacology of drugs acting on autonomic, peripheral and central nervous systems, cardiovascular, endocrine, respiratory, renal, gastrointestinal and haemopoietic systems and treatment of diseases affecting these systems; pharmacology of antimicrobial-Pharmacology of anti parasitic drugs and treatment of infective diseases; cancer chemotherapy, immune-pharmacology, gene therapy and evidence based medicine.

### **Experimental Pharmacology, Bioassay and Statistics:**

Experimental methodologies involved in the discovery of drugs (in vivo, in vitro, ex vivo). Animal handling and animal care. Methods of anaesthetizing animals and methods of euthanasia. Restraining and blood collection methods. Drug screening methods involved in the evaluation of anti-ulcer, antidepressant, anti-anginal, anti-hypertensive, anti-arrhythmic, anti-diabetic, anti-cataract, anti-platelet, anticancer, anti-inflammatory, anti-diarrheal, anti-epileptic, analgesic, anti-thyroid, antipyretic, anti-glaucoma, anti-hyperlipidemia, anti-asthmatics drugs and cough suppressants. Drug screening methods used in screening anti-fungal, anthelmintic, antibacterial and antiviral agents. Drug screening methods for heart failure, posterior pituitary, adrenal steroid (glucocorticoids & mineralocorticoids), testicular, parathyroid, ovarian, thyroid hormones, Methods involved in testing teratogenicity, carcinogenicity and organ toxicities in animals.

### **Clinical Pharmacology and Recent advances:**

Development of new drugs, protocol designing, phases, methodology and ethics of clinical trials, Clinical Pharmacokinetics and Pharmacodynamic studies post marketing surveillance, Therapeutic drug monitoring. Pharmacovigilance, ADR monitoring, Drug information service, drug utilization studies, therapeutic audit, essential drug concept and rational prescribing, GLP and GMP.

Recent advances in understanding of mechanism of drug action and treatment of diseases; new drugs and new uses of old drugs.

## PAPER.II: MICROBIOLOGY

### 1. General Microbiology

- a) History of microbiology
- b) Microscopy
- c) Bio safety including universal containment
- d) Physical and biological containment
- e) Sterilization and disinfection
- f) Morphology of bacteria and other micro organisms
- g) Nomenclature and classification of micro organisms
- h) Normal flora of human body
- i) Growth and nutrition of bacteria
- j) Bacterial metabolism
- k) Bacterial toxins
- l) Bacteriocins
- m) Microbiology of hospital management
- n) Microbiology of air, milk and water
- o) Host-parasite relationship
- p) Antibacterial substances and drug resistance
- q) Bacterial genetics and bacteriophages
- r) Molecular genetics relevant for medical microbiology
- s) Quality assurance and quality control in microbiology
- t) Accreditation of laboratories

### 2. Immunology

- a) Components of immune system
- b) Innate and acquired immunity
- c) Cells involved in immune response
- d) Antigens
- e) Immunoglobulins
- f) Mucosal immunity
- g) Complement
- h) Antigen and antibody reactions
- i) Hypersensitivity
- j) Cell mediated immunity
- k) Cytokines
- l) Immunodeficiency
- m) Auto-immunity
- n) Immune tolerance
- o) MHC complex
- p) Transplantation **immunity**
- q) **Tumor Immunity**
- r) **Vaccines and Immunotherapy**
- s) Measurement of immunological parameters
- t) Immunological techniques
- u) Immuno potentiation and immuno modulation

### 3. Systematic bacteriology

- a) Isolation and identification of bacteria
- b) Gram positive cocci of medical importance including Staphylococcus, Micrococcus, Sterptococcus, anaerobic cocci etc.
- c) Gram negative cocci of medical importance including Neisseria, Branhamella, Moraxella etc.
- d) Gram positive bacilli of medical importance including Lactobacillus, Coryneformorganisms, Bacillus and aerobic bacilli, Actinomyces, Nocardia,

Actinobacillus and other actinomycetales, Erysipelothrix, Listeria, Clostridium and other spore bearing anaerobic bacilli etc.

- e) Gram negative bacilli of medical importance including Vibrios, Aeromonas, Plesiomonas, Haemophilus, Bordetella, Brucella, Gardnerella, Pseudomonas and other non-fermenters, Pasturella, Francisella, Bacteriodes, Fusobacterium, Leptotrichia and other anaerobic gram negative bacilli etc.
- f) Helicobacter, Campylobacter and Spirillum
- g) Enterobacteriaceae
- h) Mycobacteria
- i) Spirochaetes
- j) Chlamydiae
- k) Mycoplasmatales; Mycoplasma, Ureaplasma, Acholeplasma, and other Mycoplasmas.
- l) Rickettsiae, Coxiella, Bartonella etc.

#### 4. Mycology

- a) General characteristics and classification of fungi
- b) Morphology and reproduction of fungi
- c) Isolation and identification of fungi
- d) Tissue reactions to fungi
- e) Yeasts and yeast like fungi of medical importance including Candida, Cryptococcus, Malassezia, Trichosporon, Geotrichum, Saccharomyces etc.
- f) Mycelial fungi of medical importance including Aspergillus, Zygomycetes, Pseudoallescheria, Fusarium, piedra other demarcatioceous hyphomycetes and other hyphomycetes etc.
- g) Dimorphic fungi including Histoplasma, Blastomyces, Coccidioides, Paracoccidioides, Sporothrix, Penicillium marneffeii etc.
- h) Dermatophytes
- i) Fungi causing mycetoma, keratomycosis and otomycosis
- j) Phythium insidiosum
- k) Prototheca
- l) Pneumocystis carinii infection
- m) Rhizosporidium seeberi and Loboia loboii
- n) Actinomycetes and Nocardia
- o) Common laboratory contaminant fungi
- p) Mycetism and mycotoxicosis  
Anti fungal agents and invitro antifungal susceptibility

#### 5. Virology

- a) General properties of viruses
- b) Classification of viruses
- c) Morphology: Virus structure
- d) Virus replication
- e) Isolation and identification of viruses
- f) Pathogenesis of viral infections
- g) Genetics of viruses
- h) DNA viruses of medical importance including Poxviridae, Herpesviridae, Adenoviridae, Hepadna virus, Popova and Parvo virus etc.
- i) RNA viruses of medical importance including Enteroviruses, Togaviridae, Flaviviruses, Orthomyxoviruses, Paramyxoviruses, Reoviridae, Rhabdoviridae, Arenaviridae, Bunyaviridae, Retroviridae, Filoviruses, Human immunodeficiency virus, Arboviruses, Coronaviridae, Calci viruses etc.
- j) Slow viruses including prions
- k) Unclassified viruses
- l) Hepatitis viruses
- m) Viroids
- n) Vaccines and anti viral drugs.

## 6. Parasitology

- a) General characters and classification of parasites.
- b) Methods of identification of parasites
- c) Protozoan parasites of medical importance including Entamoeba, free living amoebae, Giardia, Trichomonas, Lishmania, Trypanosoma, Plasmodium, Toxoplasma, Sarcocystis, Cryptosporidium, Microsporidium, Cyclospora Isospora, Babesia, Balantidium, etc.
- d) Helminthology of medical importance including those belonging to Cestoda (Diphyllobothrium, Toenia, Echinococcus, Hymenolepis, Dipyllidium, Multiceps etc.), Trematoda (Schistosomes, Fasciola, Fasciolopsis, Gastrodiscoides, Paragonimus, Clonorchis, Opisthorchis etc.) and Nematoda (Trichiuris, Trichinella, Strongyloides, Ancylostoma, Necator, Ascaris, Toxocara, Enterobius, Filarial worms, Dracunculus etc.)
- e) Entomology: common arthropods and other vectors viz., mosquito, Sandfly, ticks, mite, Cyclopes, louse, myasis.
- f) Antiparasitic agents.

## 7. Applies Microbiology

- a) Epidemiology of infectious diseases
- b) Hospital acquired infections
- c) Management of hospital waste
- d) Investigation of an infectious outbreak
- e) Infections of various organs and systems of human body viz., respiratory tract infections, urinary tract infections, central nervous system infections, congenital infections, reproductive tract infections, gastrointestinal infections, hepatitis, pyrexia of unknown origin, infections of eye, ear and nose, septicaemia, endocarditis, haemorrhagic fever etc.
- f) Opportunistic infections
- g) Sexually transmitted diseases
- h) Vaccinology: principle, methods of preparation, administration of vaccines
- i) Information technology (Computers) in microbiology
- j) Automation in Microbiology
- k) Statistical analysis of microbiological data and research methodology
- l) Animal and human ethics involved in microbiological work.

## ANNEXURE - IV

### INSTRUCTIONS TO CANDIDATES:

#### A) GENERAL INSTRUCTIONS TO CANDIDATES

- 1) Candidates are directed to follow the Commission's Website ([www.tspsc.gov.in](http://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, 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 / Gudiyaa]

**GROUP-C**  
**(Harijan Converts)**

- 1 Scheduled Castes converts to Christianity and their progeny

**GROUP-D**  
**(Other Classes)**

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

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

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

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

- N.B.:
1. The above list is for information and subject to confirmation with reference to G.O.Ms.No. 58, SW(J) Department, dated 12.05.1997 and time to time orders.
  2. On account of any reason whatsoever in case of any doubt/ dispute arising in the matter of community status (SC/ST/BC/OC) of any candidate, subject to satisfaction with regard to relevant rules and regulations in force the decision of the Commission shall be final in all such cases.