

TELANGANA STATE PUBLIC SERVICE COMMISSION: HYDERABAD

NOTIFICATION NO. 62/2017, Dt.08/11/2017

HEALTH SUPERVISOR IN TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE (WOMEN)

(GENERAL RECRUITMENT)

PARA – I:

1) Applications are invited Online from qualified women candidates through the proforma Application to be made available on Commission's WEBSITE (www.tspsc.gov.in) to the post of Health Supervisor in Telangana Social Welfare Residential Degree College (Women).

- 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 of TSPSC. Those who have registered in OTR already, shall apply by login to their profile using their TSPSC ID and Date of Birth as provided in OTR.

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

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

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

Sl. No.	Name of the Post	No. of Vacancies	Age as on 01/07/2017 Min. Max.	Scale of Pay Rs.
1	Health Supervisor in Telangana Social Welfare Residential Degree College (Women)	21	18-44*	35,120-87,130 (RPS- 2015)

(The Details of Vacancies i.e., Community, State wide and Women may be seen at Annexure-I.)

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

4) **EDUCATIONAL QUALIFICATIONS:**

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

Sl. No.	Name of the Post	Educational Qualifications
1	Health Supervisor in Telangana Social Welfare Residential Degree College (Women)	MBBS / BHMS / BAMS / BUMS or its equivalent qualification.

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

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

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

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

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

N.B.: 1) No person shall be eligible if he/she is less than 18 years of age.
2) No person shall be eligible if he/she crossed 58 years of age (Superannuation age).

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

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.

- BC, SC & ST of Telangana State
- 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).
- 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 Written Examination (Objective Type) 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 along with Finance Clearance vide G.O. Ms. No. 94 Finance (HRM-VII) Department, Dt. 03/08/2016.

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 / S.S.C
- iv. School Study Certificate
- v. Declaration by the Unemployed (For claiming exam fee exemption)
- 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.

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

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

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

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

1. **Vacancies**: The recruitment will be made to the vacancies notified before the examination only. There shall be no waiting list as per G.O. Ms. No. 81 General Administration (Ser.A) Department, Dated 22/02/1997. If additional vacancies are reported by the Government an addendum to that effect will be issued.
Note: The vacancies are reported by the Telangana Social Welfare Residential Degree Colleges (Women). As such, all these vacancies are earmarked for women candidates only.
2. **Recruitment**:- The recruitment will be processed as per the Notification and also as per the Byelaws / Service Regulations, B.O.G recommendations of the Residential Educational Institution Societies and orders / Instructions issued by the Government and also as decided by the Commission from time to time.
3. **Constitutional Provisions**:- The Commission is empowered under the provisions of Article 315 and 320 of the Constitution of India read with relevant laws, rules, regulations and executive instructions and all other enabling legal provisions in this regard to conduct examination for appointment to the posts notified herein, duly following the principle of order of merit as per Rule 3d(ix)(a) of the TSPSC Rules of procedure read with reference to relevant statutory provisions and ensuring that the whole recruitment and selection process is carried out with utmost regard to maintain secrecy and confidentiality so as to ensure that the principle of merit is followed. A candidate shall be disqualified for appointment, if he himself / she herself or through relations or friends or any others has canvassed or

endeavored to enlist for his candidature, extraneous support, whether from official or non-official sources for appointment to this service.

4. **State Cadre Post:-** The post is identified as State Cadre Post, hence reservation for Local Candidates is not applicable
5. **Employed:-** The persons already in Government Service/ Autonomous bodies/ Government aided institutions etc., whether in permanent or temporary capacity or as work charged employees are required to inform in writing to the Head of Office / Department, as the case may be and required to submit the "No objection" from the concerned Head of Office / Department to the Commission as and when required to do so.
6. **Penal Action:-** The Commission is also empowered to invoke the penal provisions of the A.P. Public Examinations (Prevention of Malpractices and Unfair means) Act 25/97 for matters connected therewith or incidental thereto and as per the Rules of Procedure of TSPSC published in Telangana Gazette No: 60 dated 28/12/2015 in respect of this Notification.
7. **Caste & Community:** Community Certificate issued by the competent authority (obtained from Government of Telangana State) in terms of G.O.Ms No. 58, SW (J) Dept., dt: 12/5/97 read with G.O. Ms. No. 5 Scheduled Castes Development (POA.A2) Dept., Dt. 08/08/2014, G.O. Ms. No. 11 Scheduled Castes Development (POA.A2) Dept., Dt. 17/09/2014 and G.O. Ms. No. 2 Scheduled Castes Development (POA.A2) Dept., Dt. 22/01/2015 should be submitted at appropriate time in respect of SC & ST Candidates. In respect of candidates belonging to Backward Classes are required to produce Community Certificate (BC-A, BC-B, BC-C, BC-D& BC-E) from Competent Authority i.e., from Tahsildars in the State of Telangana not below the rank of Deputy Tahsildar through e-seva/ mee-seva(G.O. Ms. No. 16 BCW(OP) Dept., Dt. 11/03/2015) and orders and instructions issued by the Government from time to time. As per General Rules for State and Subordinate Service Rules, **Rule - 2(28)** Explanation: No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste. BC's, SC's and ST's belonging to other states are not entitled for any kind of reservation.
8. **Reservation:-** (i)The Reservation and eligibility in terms of General Rule 22 & 22 (A)(3) of State and Subordinate Service Rules are applicable.
 - (ii) Reservation to Disabled persons is subject to their eligibility to any of the above category of posts and shall be subject to Telangana State and Subordinate Service Rules governing the posts. The required extent of deformity and the genuineness of the Medical Certificate and in the case of ambiguity or doubt, the same shall be referred to the Appellate Medical Boards as per the instructions of the Government.
 - (iii) As per G.O.Rt.No.1274, G.A (Ser-B) Department, Dated 04-06-2016:
 - (a) Women staff shall only be recruited in all cadres of posts in the Schools/ Institutions meant for Girls, in terms of Sub-Rule (3) of rule 22-A of Telangana State and Subordinate Service Rules.
 - (b) Separate rosters in each cadre shall be maintained for Girls Schools / Institutions.
 - (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.
9. **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 the Local candidates is not applicable as the selection will be made on state-wide merit and allotment of zones will be made as per preference given by the candidates.

The following are the Present Zones in the Telangana State:

- | | |
|-----------------|---|
| Zone - V | Adilabad, Karimnagar, Warangal and Khammam. (ADB, KRMN, WGL, KMM) |
| Zone-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 POSTS WILL BE MADE BY EXAMINATION (OBJECTIVE TYPE) BY ONLINE / OMR BASED.

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

1. Those candidates who qualify in the Examination 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 the Residential Educational Institutions Society in Telangana State as per their rank in the merit list and as per zonal preference for allotment of candidates against vacancies and for the vacancies available. Selection will be made on State wide merit and allotment of zones will be made as per preference given by the candidates against the vacancies.
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 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 by him / her, then his / her candidature will be rejected/dissatisfied without any further correspondence. As candidature for the recruitment is processed through Computer/Electronic devices based on the particulars furnished in the Application Form, the candidate is advised to fill in all the relevant particulars carefully.
5. While the Commission calls for preference of candidates in respect of posts/R.E.I. Societies etc., in the application form, it is hereby clarified that the said preferences are only indicative for being considered to the extent possible but not binding or limiting the Commission's powers enjoyed under Article 315 and 320 of the Constitution of India. Therefore, the Commission has the power to 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 incorrect information or making false declaration regarding his/her eligibility at any stage or suppressing any information is liable to be debarred for five years from appearing for any of the examinations conducted by the commission, and summarily rejection of their candidature for this recruitment.
- b) The Penal Provisions of Act 25/97 published in the State Gazette No. 35, Part-IV.B Extraordinary dated: 21/08/1997 shall be invoked if malpractice and unfair means are noticed at any stage of the Recruitment.
- c) The Commission is vested with the constitutional duty of conducting recruitment and selection as per rules duly maintaining utmost secrecy and confidentiality in this process and any attempt by anyone causing or likely to cause breach of this constitutional duty in such manner or by such action as to violate or likely to violate the fair practices followed and ensured by the Commission will be sufficient cause for rendering such questionable means as ground for debarment and penal consequences as per law and rules and as may be decided by the Commission.
- d) Any candidate is or has been found impersonating or procuring impersonation by any person or resorting to any other irregular or improper means in connection with his / her candidature for selection or obtaining support of candidature by any means, such a candidate may in addition to rendering himself/ herself liable to criminal prosecution, will

be debarred permanently from any exam or selection held by the Service Commission in the country.

- e) **MEMORANDUM OF MARKS:** - Memorandum of Marks will be issued on payment of Rs.200/- (Rupees Two Hundred Only) through Online Payment in favour of the Secretary, T.S. Public Service Commission, Hyderabad. Request for Memorandum of Marks from candidates, will be entertained after one month from the date of publication of the final results in TSPSC Website. The Memorandum of Marks will be issued to the candidates for a period of 90 days only. Request for revaluation or recounting will not be undertaken under any circumstances. Invalid, disqualified, ineligible candidates will not be issued any Memorandum of Marks and fees paid by such candidates, if any, will be forfeited to Government account, without any correspondence in this regard. In case of Off-line examination, if any candidate fails to mark the Booklet Series, Roll Number etc., in the OMR Answer Sheet, the Commission reserves the right to invalidate such Answer Sheets as Answer Sheets are valued by Optical Mark Scanner. No request for reconsideration of such rejected/invalidated cases will be entertained under any circumstances whatsoever.

PARA-X: - Please read the following Annexures appended to the Notification before filling the application form.

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

PARA XI: SPECIAL INSTRUCTIONS TO CANDIDATES:

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

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

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

HYDERABAD
DATE: 08/11/2017

Sd/-
SECRETARY

ANNEXURE-I
(GENERAL RECRUITMENT)
HEALTH SUPERVISOR IN TELANGANA SOCIAL WELFARE RESIDENTIAL DEGREE COLLEGE (WOMEN)

SOCIETY	NAME OF THE POST	State Wide		OC	SC	ST	SEBC-A	SEBC-B	SEBC-C	SEBC-D	SEBC-E	VH	HH	OH	TOTAL
				W	W	W	W	W	W	W	W	W	W		
TSWRDC (women)	HEALTH SUPERVISOR	STATE CADRE	ZONE-V	03	02	01	01	-	-	-	-	01	-	-	08
			ZONE-VI	07	02	01	01	01	-	-	-	01	-	-	13
			TOTAL	10	04	02	02	01	-	-	-	02	-	-	21

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

ANNEXURE-II

List of Banks for making payment through SBI ePay.

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

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

ANNEXURE-III**SCHEME AND SYLLABUS FOR THE POST OF HEALTH SUPERVISOR IN
TELANGANA RESIDENTIAL EDUCATIONAL INSTITUTIONS SOCIETY****Scheme of Examination**

Written Examination (Objective Type)	No.of Questions	Duration (Minutes)	Maximum Marks
Paper-I: General Studies and General Abilities	150	150	150
Paper-II: Concerned Subject	150	150	150
Total			300

Name of the Papers	Language Of Examination
PAPER-I: General Studies and General Abilities	Bilingual i.e., English and Telugu
Paper-II: Concerned Subject	English
1. Medical Science & General Medicine (MBBS Level)	English
2. Homeopathic Medicine (BHMS Level)	English
3. Unani Medicine (BUMS Level)	Bilingual i.e., Urdu and English
4. Medical Science & General Medicine (BAMS Level)	Bilingual i.e., Telugu and English

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.

SYLLABUS

PAPER-II: MEDICAL SCIENCE & GENERAL MEDICINE (MBBS LEVEL)

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. Biochemistry

- 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. Principals 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.

PAPER-II: HOMEOPATHIC MEDICINE (BHMS LEVEL)

Unit.I. Anatomy

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

- d. General Anatomy
- e. Regional Anatomy
 - vii. Upper limb
 - viii. Lower limb
 - ix. Abdomen and Pelvis
 - x. Thorax
 - xi. Head & Neck
 - xii. Spinal Cord & Brain
- f. Micro-Anatomy
 - iii. General Histology
 - iv. Systemic Histology
- e. Developmental Anatomy
 - iii. General Embryology
 - iv. Systemic Embryology
- h. Genetics
- i. Radiological Anatomy, USG, CT, MRI
- j. Surface Anatomy, Living & Marking

Unit.II. Physiology

- q. General Physiology.
- r. Hematology
- s. Nerve
- t. Muscle
- u. Respiratory Physiology
- v. Cardiovascular Physiology
- w. Renal Physiology
- x. Body Temperature Regulation
- y. Alimentary System
- z. Nutrition
- aa. Endocrine System
- bb. Reproductive Physiology
- cc. Special Senses: Eye, Ear, Taste, Smell
- dd. Central Nervous System
- ee. Bio Physics
- ff. Environmental Physiology

Unit III. PHARMACY:

I. General Concepts And Orientation

1. History of pharmacy with emphasis on emergence of homoeopathic pharmacy.
2. Official homoeopathic pharmacopoea (German, Britain, U.S.A,India)
3. Definitions in homoeopathic pharmacy
4. Components of pharmacy
5. Weights and measurements
6. Nomenclature of homoeopathic drugs with their anomalies

II. Drugs And Vehicles

1. Sources of drugs(taxonomic classification with reference to utility)
2. Collection of drug substances
3. Vehicles
4. Homoeopathic pharmaceutical instruments & applicances

III. Homoeopathic Pharmaceutics

1. Mother tincture and its preparation – old and new methods
2. Various scales used in homoeopathic pharmacy
3. Drug dynamisation or potentisation
4. External applications
5. Doctrine of signature
6. Posology

7. Prescription(including abbreviations)
8. Concept of placebo
9. Pharmacology – routes of administration
10. Dispensing of medicines
11. Basics of adverse drug reactions and pharmacovigilance

IV Pharmacodynamics

1. Homoeopathic pharmacodynamics
2. Drug proving
3. Pharmacological action of drugs listed in Appendix - A

V Quality Control

1. Standardisation of homoeopathic medicines, raw materials and finished products
2. Good manufacturing practices, industrial pharmacy.
3. Homoeopathic pharmacopoea laboratory – functions and activities, relating to quality control of drugs.

VI. Legislations pertaining to pharmacy (06 hrs)

1. The drugs and cosmetics act, 1940(in relation to homoeopathy)
2. Drugs and cosmetics rules, 1945(in relation to homoeopathy)
3. Poisons act, 1919
4. The narcotic drugs and psychotropic substances Act, 1985
5. Drugs and magic remedies Act 1954
6. Medicinal and toilet preparations Act, 1955

Unit. IV: ORGANON AND HOM PHILOSOPHY

1.1. Evolution of medical practice of the ancients (Prehistoric medicine, Greek Medicine, Chinese medicine, Hindu medicine and Renaissance) and tracing the empirical, rationalistic and vitalistic thoughts.

1.2. Short history of Hahnemann's life, his contributions, and discovery of homoeopathy, situation leading to discovery of Homoeopathy

1.3. Brief life history and contributions of early pioneers of homoeopathy like C.V. Boenninghausen, J.T. Kent, C. Hering, Rajendra Lai Dutta, M.L. Sircar

1.4. History and Development of Homoeopathy in India, U.S.A. and European countries

1.5. Fundamental Principles of Homoeopathy.

1.6. Basic concept of:

1.6.1. Health: Hahnemann's concept and modern concept.

1.6.2. Disease: Hahnemann's concept and modern concept.

1.6.3. Cure.

1.7. Different editions and constructions of Hahnemann's Organon of Medicine

2. Logic

1. To understand Organon of medicine and homoeopathic philosophy, it is essential to be acquainted with the basics of LOGIC to grasp inductive and deductive reasonings.

2. Preliminary lectures on inductive and deductive logic **3. Psychology**

3.1 Basics of Psychology.

3.2. Study of behaviour and intelligence.

3.3. Basic concepts of Sensations.

3.4. Emotion, Motivation, Personality, Anxiety, Conflict, Frustration, Depression, Fear, Psychosomatic Manifestations

3.5 Dreams.

4. Aphorisms 1 to 291 organon of medicine.

5. Homoeopathic Prophylaxis

6. literary works of SAMUEL HAHNEMANN J.T.KENT, STUART CLOSE, ROBERTS, BOENNINGHAUSEN

7. Hahnemann chronic diseases

Unit. V: HOM .MATERIA MEDICA

a) Basic Materia Medica

1) Basic concept of Materia Medica

2) Basic construction of various Materia Medicas

3) Definition of Materia Medica

b) Homoeopathic Materia Medica

1) Definition of Homoeopathic Materia Medica

2) Basic concept and construction of Homoeopathic Materia Medica

3) Classification of Homoeopathic Materia Medica

4) Sources of Homoeopathic Materia Medica

5) Scope and limitations of Homoeopathic Materia Medica

Aconitum napellus;Aethusa cynapium;Allium cepa;Aloe socotrina;Antimonium crudum;Antimonium tartaricum;Apis mellifica;Argentum nitricum;Arnica Montana;Arsenicum album;Arum triphyllum;Baptisia tinctoria;Bellis perennis;Bryonia alba;Calcarea carbonica;Calcarea flourica;Calcarea phos;Calcarea sulph;Calendula officinalis;Chamomilla;Cina;Cinchona office;Colchicum autumnale;Colocynthis;Drosera;Dulcamara;Euphrasia;Ferrum phos;Gelsemium;Hepar sulph;Hypericum perf;Ipecacuanha;Kali muri;Kali phos;Kali sulph;Ledum pal;Lycopodium clavatum;Magnesium phos;Natrum mur; Natrum phos;Natrum sulph;Nux vom;Pulsatilla;Rhus toxicodendron;Ruta graveo Silicea;Spongia tosta;Sulphur;;Symphytum officinale;Thuja occidentalis;

1	Acetic acid	29	Cantharis vesicatoria
2	Actea spicata	30	Carbo vegetabilis
3	Agaricus muscarius	31	Chelidonium majus
4	Agnus castus	32	Conium maculatum
5	Alumina	33	Crotalus horridus
6	Ambragrisea	34	Croton tiglium
7	Ammonium carbonicum	35	Cyclamen europaeum
8	Ammonium muriaticum	36	Digitalis purpurea
9	Anacardium orientale	37	Dioscorea villosa
10	Apocynum cannabinum	38	Equisetum hymenale
11	Arsenicum lodatum	39	Ferrum metallicum
12	Asafoetida	40	Graphites
13	Aurum metallicum	41	Hellebores niger
14	Baryta carbonica	42	Hyoscyamus niger
15	Belladonna	43	Ignatia amara
16	Benzoic acid	44	Kali bichromicum
17	Berberis vulgaris	45	Kali bromatum
18	Bismuth	46	Kali carbonicum
19	Borax	47	Kreosotum
20	Bovista lycoperdon	48	Lachesis muta
21	Bromium	49	Moschus
22	Bufo rana	50	Murex purpurea
23	Cactus grandiflorus	51	Muriatic acid
24	Caladium seguinum	52	Naja tripudians
25	Calcarea arsenicosa	53	Natrum carbonicum
26	Camphora	54	Nitric acid
27	Cannabis indica	55	Nux moschata
28	Cannabis sativa	56	Opium
57	Oxalic acid	69	Stramonium
58	Petroleum	70	Sulphuric acid
59	Phosphoric acid	71	Syphilinum
60	Phosphorus	72	Tabacum
61	Phytolacca decandra	73	Taraxacum officinale
62	Picric acid	74	Tarentula cubensis
63	Platinum metallicum	75	Terebinthina
64	Podophyllum	76	Theridion
65	Secale cornutum	77	Thalpsi bursa pastoris
66	Selenium	78	Veratrum album
67	Sepia		
68	Staphysagria		
1	Abies Canadensis	25	Vinca minor
2	Abies nigra	26	Abrotanum
3	Carbo animalis	27	Rheum palmatum
4	Carbolic acid	28	Sanicula aqua
5	Cundurango	29	Acalupha indica

6	Fluoricum acidum	30	Corallium rubrum
7	Hydrasis Canadensis	31	Lobelia inflata
8	Raphanus sativus	32	Mephitis putorius
9	Magnesia carbonica	33	Rumex crispus
10	Magnesia muriatica	34	Sabadilla officinalis
11	Anthracinum	35	Sambucus nigra
12	Bacillinum	36	Squilla maritima
13	Lac caninum	37	Baryta muriatica
14	Lac defloratum	38	Crataegus oxyacantha
15	Lyssin	39	Lithium carbonicum
16	Medorrhinum	40	Rauwolfia serotina
17	Psorinum	41	Caulophyllum
18	Pyrogenium	42	Cacculus indicus
19	Vaccinium	43	Crocus indicus
20	Variolinum	44	Helonias dioica
21	Hydrocotyle asiatica	45	Lillium tigrinum
22	Mezereum	46	Sabina
23	Radium bromatum	47	Trillium pendulum
24	Urtica urens	48	Viburnum opulus
49	cicuta virosa	86	Kalmia latifolia
50	Ranunculus bulbosus	87	Physostigma venenosum
51	Rhododendron chrysanthum	88	Mercurius corrosives
52	Clematis erecta	89	Mercurius cyanatus
53	Sabal serrulata	90	Mercurius dulcis
54	Sarsaparilla officinalis	91	Mercurius solubilis
55	Coffea cruda	92	Mercurius sulphuricus
56	Glonoine	93	Causticum
57	Melilotus	94	Bacillus No. 7
58	Millefolium	95	Dysentery co
59	Sanguinaria Canadensis	96	Gaertner
60	Spigelia	97	Morgan pure
61	Veratrum viride	98	Morgan gaertner
62	Capsicum	99	Proteus bacillus
63	Cedron	100	Sycotic bacillus
64	Eupatorium perfoliatum		Additional medicines
65	Abroma augusta	101	Aesculus hippocastanum
66	Clotropis gigantea	102	Adrenalinum
67	Carica papaya	103	Artemesia vulgaris
68	Cassia sophera	104	Avena sativa
69	Ficus religiosa	105	BLatta orientalis
70	Janosia ascoda	106	Carcinosin
71	Justicia adhatoda	107	Carduus marianus
72	Ocimum sanctum	108	Ceanothus
73	Syzygium jambolanum	109	Chininum arsenicosum
74	Ratanhia peruviana	110	Cholesterinum
75	Collinsonia canadensis	111	Cholesterinum
76	Antimonium arsenicosum	112	Diphtherinum
77	Sticta pulmonaria	113	Erigeron Canadensis
78	Asterias rubens	114	Malandrinum
79	Iodium	115	Menyanthes
80	Thyroidinum	116	Onosmodium
81	Argentum metallicum	117	Passiflora
82	Cuprum metallicum	118	Ustilago maydis
83	Plumbum metallicum	119	Stannum metallicum
84	Zincum metallicum	120	Valeriana officinalis
85	Adonis vernalis	121	X-ray

Unit. VI. Obs & Gyneacology**Gynaecology**

- a) A review of the applied anatomy of female reproductive systems-development and congenital malformations.
- b) A review of the applied physiology of female reproductive systems-neuro endocrinology in relation to reproduction, puberty, menstruation and menopause.
- c) Gynaecological history, examination, diagnostic procedures of a gynaecological patient and diagnosis.
- d) Developmental anomalies.
- e) Uterine displacements, retroversion pelvic organ collapse, chronic inversion
- f) Sex and intersexuality.
- g) General Management and therapeutics of the above listed topics in Gynaecology.

2. Obstetrics

- a) Fundamentals of reproduction.
- b) Development of the intrauterine pregnancy-placenta and foetus and physiological changes during pregnancy.
- c) Diagnosis of pregnancy-investigations and examination.
- d) Antenatal care, Investigations and antenatal assessment of foetal well being(5 hrs)
- e) Vomiting in pregnancy.
- f) Preterm labour and post maturity.
- g) Normal labour and puerperium.
- h) Induction of labour.
- i) Postnatal and puerperal care.
- j) Care of the new born.
- k) Management and therapeutics of the above listed topics in obstetrics. (8hrs)

Unit. VII. Surgery**(a) General Surgery:-**

1. Introduction to surgery and basic surgical principles.
2. Fluid, electrolytes and acid-base balance.
3. Haemorrhage, haemostasis and blood transfusion.
4. Boil, abscess, carbuncle, cellulitis and erysipelas.
5. Acute and chronic infections, tumors, cysts, ulcers, sinus and fistula.
6. Injuries of various types; preliminary management of head injury.
7. Wounds, tissue repair, scars and wound infections.
8. Special infections (Tuberculosis, Syphilis, Acquired Immuno Deficiency Syndrome, Actinomycosis, Leprosy).
9. Definition, pathology , clinical features , diagnosis and management of different types of Burn.
10. Definition, pathology , clinical features , diagnosis and management of Shock
11. Nutrition.
12. Pre-operative and post-operative care.
13. General management, surgical management and homoeopathic therapeutics of the above topics will be covered.

Unit.VIII. PATHOLOGY**1. Pathology**

- f. General Pathology
- g. Haematology
- h. Systemic Pathology
- i. Clinical Pathology
- j. Autopsy

2. Microbiology

- g. General Microbiology
- h. Immunology
- i. Systemic Bacteriology
- j. Mycology
- k. Virology
- l. Parasitology

Unit. IX. Social and preventive medicine

1. Man and medicine
 2. Concept of health and disease in conventional medicine and homoeopathy
Study of aphorisms of Organon of medicine and other homoeopathic literatures, relevant to above topics including prophylaxis.
 3. Nutrition and health
 - a) Food and nutrition
 - b) Food in relation to health and disease
 - c) Balanced diet
 - d) Nutritional deficiencies, and Nutritional Survey
 - e) Food processing
 - f) Pasteurization of milk
 - g) Adulteration of food
 - h) Food poisoning
 4. Environment and health
 - a) Air, light and sunshine, radiation.
 - b) effect of climate
 - c) Comfort zone
 - d) Personal hygiene
 - e) Physical exercise
 - f) Sanitation of fair and festivals
 - g) disinfection and sterilization
 - h) atmospheric pollution and purification of air
 - i) air borne diseases
 - j) water and distribution of water; uses; impurities and purification
 - k) Standards of drinking water
 - l) water borne diseases
 - m) excreta disposal
 - n) disposal of deceased
 - o) disposal of refuse
 - p) Medical entomology-insecticides, disinfection, insects in relation to disease, insect control.
 - q) School Health Services
6. Occupational health
7. Preventive medicine in pediatrics and geriatrics and mother and child

Unit.X PRACTICE OF MEDICINE

1. Diseases Of Respiratory System-
2. Diseases Of Gastro Intestinal Diseases-
3. Diseases Of Liver, Biliary Tract And Pancreas
4. Diseases Of Nutrition And Metabolism-
5. Diseases Of Haemopoetic System-
6. Diseases Of Endocrinology
7. Infectious Diseases –
8. Diseases Of Cardiovascular Sytem
9. Diseases Of Genito Urinary Tract
10. Diseases Of Central Nervous System
11. Psychiatric Diseases
12. Diseases Of Locomotor System
13. Diseases Of Skin And Std

14. Tropical Diseases
15. Paediatric Diseases
16. Geriatrics Diseases
17. Genetics-
18. Immunology Including Hiv And Hepatitis–
19. Physical And Chemical Agents Climatic And Environment-
20. Water And Electrolytes-

Unit.XI:REPERTORY

1. Repertory: Definition; and different terminologies in repertories
2. Scope and limitations of Repertory
3. Historical evaluation of Repertories
4. Classification of Repertories.
5. Kent Repertory
 - a) History
 - b) Philosophical background
 - c) Structure
 - d) Concept of Repertorisation
 - e) Adaptability
 - f) Scope
 - g) Limitation(s)
6. Gradation of Remedies by different authors.
7. Methods and techniques of Repertorisation.
8. Steps of Repertorisation.
9. Conversion of symptoms into rubrics and Repertorisation using different repertories.
10. Repertory – its relation with Organon of medicine and Materia Medica.
11. Case taking and Case processing.

Unit.XII: Forensic Medicine and Medical Jurisprudence and Toxicology

- n. History of Forensic Medicine
- o. Need, Scope, Importance and probative value of Medical evidence in Crime Investigation
- p. Personal identity need and its importance.
- q. Mechanical Injuries And Burns
- r. Medico-Legal Aspects of Sex, Marriage And Infant Death
- s. Medico-Legal Aspects Of Death
- t. Medico-Legal Autopsy
- u. Forensic Psychiatry
- v. Poisons And Their Medico-Legal Aspects
- w. Legal And Ethical Aspects Of Practice Of Medicine
- x. Definition Of Health And Items To Certify About Health
- y. Acts And Schemes Related To Medical Profession.

PAPER-II: UNANI MEDICINE (BUMS LEVEL)

I. Basic of anatomy.

Introduction of (anatomy) -nizame jisman-ka-mukhtasar tarub (brief discription of all systems of body) 1)jild (skin) 2)lafaiife satahiya wr ghaairah (superficial & deep fasciae) 3)avtar (tendon) ribataalt (ligaments) 4)izzaam (bones) aqsaam, afoal wa ta'azzum (types, functions & classification) 5)az/aat (muscls) aqsaam zafaal (types & functions) 6)mafasil (joints) aqsaam wa harkath (types & movements); Ras wa unaq (head & neck) junjunah (skull) & aur iske aam mounzir ka bayan (discription & various vieus); Mafsal suduglu fakki (tempo mandibiular joint) jauf e faum lissa – asnam wa halaq (oral cavity guna, teeth, pharynx) Aaf, jauf ariaf wakhalaye hawaiiya (nose, nasal cavity paranasal sinuses); Uzn (ear) – ajfaan eyelids – lacrimal lands Gudad –e- Lulabia sahivan glands;Neck:unq musallasathe unqkbayan (discription of triangles of neck azlate, urooq, Asab (muscles, vessels nerve of neck; Gudda-e-darqiya wa jarod darqiya thyroid & parathyroid flands.;Nizam-e-assab (nervous system);Aghshiya-e-dimagh dimagh aur nukha ka byan (discription of mennings, brain & spinal cord;Asab-e-nukhawa dimaghi (craimal & spinal nerves);Thorax sadr:jauf sadr (thoracic cavity) azla'a (rihe) azmul qas wa fuqrae-e- sadr (sfernum & thoracic vertebrac); Ghisha-ur-riya-riya (pleura & lungs);Hijab-e-munassifus sadra wa mashmoilath its (media sternum & contents);Gilaf-ul qalb-aur qalb (pericardium & heart);Tarafe ala (upper limbs) izam (bones) azlaath(muscles) mafasil (joints) lbt wa hufrace mirfaqiyah (axilla & cabital fissa) urooq wa asab (vessels and nerves);Batan (abdomen) hisase batan (adominalregions) ;Baritoon (peritoneum) urooq wa asaab (vessels & nerves);Azme ajuz wa us'us (sacrum & coccyx);Izaam (bones) azlath (muscls) asaab (vessels & nerves).

II. Basic of physiology.

Cytology & histrology;Defination , types distribution & functions;Qhalia(cell) insaja Tissue;Blood & haemopoetic system;Blood plasma: RBC
Haemoglobin: WBC: types & functions;Platelets: function;Blood group, blood bank & transfusion;Vitamins: types & functions;Metabolism: introduction ,types,

carbohydrates lipids amino acids water & minerals.; Circulatory system: introduction, values of heart, azlath-e-Qulb, aswath qalb (heart sounds), nerves ; ECG-blood pressure cardiac cycle; Heart block; Lymphatic & reticulo endothelial system ; Nizame hazum digestive system introduction, salivary glands , secretions & functions, gastric juice, pancreatic juice – bile (safra); Formation of faeces (baraz); Nizame – tanaffus : respiratory system ; Artificial respiration and its methods ; Dyspnoea, apnoea, pulmonary volume; Excretory system: introduction Kidneys: structure, function, urine formation; Skin: structure, function; Nervous system: function of brain; Sensory organs: taste, smell, hearing, vision & touch Endocrine system; Male & female reproductive organs and its functions; Menstruation , oovulation, fertilization and implantation.

III. Basic of kulliyat -e-tibb.

- Nabz – pulse; Boul – urine; baraz – stool; Taqseem-e-amraaz; Definition of sabab, marz & arz; Ahwal badan, sehat, marz, halath salasa; Soo-e-mizaj, soo-e-tarkeb, tafaroq-e-ethesaal; Amraz murakab; Classification of auram; Iltehab, manaat, fasad, aids; Ilmul asbab: asabab, sehat, - marz, umoom-e-asabab; Aqam-e-jaraseem (classification); Gram +ve & gram -ve spirochete parasites; Amraz-qlab wa urooq (disease of heart & blood vessel); Amraz nizama-tanaffus; Amraz meda-o-ama; Amraz kabad –wa- mimarah; Amraz kuliya wa masanah; Amraz banqaras (disease of pancreas); Amraz dimag (cerebral disease); Ilmul saidla (pharmacy); Definition, classification, importance historical background; Awazaan-e-adiya jadeed-khadeem; Mufrad wa murakab dawao ka husool; Anmar adng; Istehalaath; Ashkale-adng; Sufoob – tareef aqsaem; Amal tarveeq-tasfiys tasyeed; Gmp.

Cosmetic act (introduction)

Huboob wa akhraas: definition and detail description; rub & sat; Amal tareeq old & new methods sterilization; Qiwwam advia; Ragan and tila; Tadbeer –e- advia; Ihraq-o-taklees definition & method of preparation.

IV. Saidla basics (preparation of compound drugs basics).

. Single drugs (mufaraadat);. Compound drugs (murakkabat);. Basics of amraaz -e- qabalat (obstetrics); . Basics of medical jurisprudence (tibb -e- qanoon -o- ilmus sumoom).;Introduction, defination of medical jurisprudence & forensic medicine count & their powers medical code conduct; Mout-death (causes & types); Marge, tashdud, (violent death); Jarah wa zakhm (wounds); Harq (burns) salaq (scald) defination & character & types; Anannal (impotence) uqr (sterility) defination, classification & stages Defination causes medico legal importance; Doshuzgi (virginity); Sexual offences – types of natural & unnatural – active passive agents; Rape – sodomy; Hamal & abortion Mtp act 1971 & 1975.

Foctocide & infanticide; Sumoom akkal: sumoom laziat (irrentant poisons); Sumoom madani; Haiwani; Sumoom asbi,qalbi, tanaffusi;

Moalejat i

Amraz nizame a sab wa dimag; Causes differeential diagnosis; Usool-e- ilaaj

Amraz tanaffusi, qalb, darane-khoon, dam wa lymphavia

Amal takhmeer (fermentation) ; Murakabath

Tarkeeb-e-adna ki agraz wa maqasid

Arkiyath, shikan jabeen, sharbath, khamera, majoon, jawarish, itrefal, sunoon, tiryaq, barshasha, dayaqooza, zaroor, qairothi, kohl, zimad, tila, tarika –e tyari.

basics of social & preventive medicine.

basics of surgery

jarahiyath umoomi (historical background); wound – darjabandi,clinical features usool e ilaj; tadiya –infection –aqsam-e-ilaj; parasitie diseases;khuraj (abscess) –sinus fistula sadma (shock) & heamorrhage,-tumours –clinical features treatment & complications anesthesia (amale-takhdeer);dislocation, fractures & management soft tissuem injury & its management ;diseases of anas & rectum, peritonium mirara, pancreas, tihhaal, basic knowledge of investigation and procedure;spectrum, x-ray, ct-scan, mri, cytology, biochemistry, biopsy,ecg, treadmill, angiograph & angioplastic.

moalejath ii

amraz-e-hazm, amraz kapid, mirara, tehal, banqaras ki traeeef, asbab, allamath, usool elaj ;amraz nizame bawl, tanasul, asbab, usool elaaaj;endoscopy, x-ray, CTSCAN,

MRI, IVP-colonoscopy sigmoidoscopy, proctoscopy, biopsy; amraz mutadliya amraz- jild wa tazeeniyath; amraz mafasil, causes sign & symptoms; diagnosis – treatment. ; Amraz –e- bowl, amraz kulliya –o- masana, amraz tansul, kasbab, alamat, elaj and complications.

Amraz – e- Niswan –o- Qabalath.

Diagnosis & Management of Common gynecological problems & Emergencies.

Diagnosis & management of antenatal – intra natal, Post natal period of normal and abnormal pregnancy.

Mammary glands, vagina, cervix, Uterus Fallopian tubes, ovary. Disease, causes.

Diagnosis, Differential Diagnosis, Treatment & Complications. VQR (infertility)- Foetus – Development & Diseases and complication. Psuedo Pregnancy.

IIMUL – ADVIA – KULLIYAT ADVIA & MUFARRDAT.

MAKHAZ –E- ADVIA, Classification according to pharmaconosy Dawa, Ghiza, Zulkhassa, Advia Ka Mizaj, properties, Ashkal –e- Advia, Masalik –e- Advia, Husool – Advia- Muzir, Musleh, Badal – Dosage Istelahath Advia.

Nabati Advia, Haiwani Advia, Miadani Advia.

MODERN MEDICINE.

Pharmacological terminologies, Defination, Scopes branches, Analgesis, Sedatives, ananesthetic, antibiotics, - chemotherapy – antiprotozoal, antihelmenthic, antifungal- Hormones, Contraceptives, IV Fluids.

PAPER-II: MEDICAL SCIENCE & GENERAL MEDICINE (BAMS LEVEL)

Padartha Vigyan

Pariksha

1. Definition, significance, necessity and use of *Pariksha*.
2. Definition of *Prama*, *Prameya*, *Pramata*, *Pramana*.
3. Significance and importance of *Pramana*, Enumeration of *Pramana* according to different schools of philosophy.
4. Four types of methods for examination in *Ayurveda* (Chaturvidha-Parikshavidhi), *Pramana* in *Ayurveda*.
5. Subdivision of different *Pramanas* under three *Pramanas*.
6. Practical application of methods of examination (Parikshavidhi) in treatment (Chikitsa).

Aptopadesha Pariksha/ Pramana

- Lakshana of Aptopadesha, Lakshana of Apta.
- Lakshana of Shabda, and its types.
- Shabdavritti-Abhidha, Lakshana, Vyanjana and Tatparyakhya. Shaktigrahahetu.
- Vaakya: Characteristics, Vaakyarthagyanahetu- Aakanksha, Yogyata, Sannidhi.

1. Pratyaksha Pariksha/ Pramana

1. Lakshana of Pratyaksha, types of Pratyaksha- Nirvikalpaka- Savikalpaka with description, description of Laukika and Alaukika types and their further classification.
2. Indriya-prapyakaritvam, six types of Sannikarsha.
3. Indriyanam lakshanam, classification and enumeration of Indriya. Description of Panchapanchaka, Penta-elemental nature of Indriya by Panchamahabhuta (*Panchabhautikatwa* of Indriya) and similarity in sources (*Tulyayonitva*) of Indriya.
4. Trayodasha Karana, dominance of Antahkaran.
5. Hindrances in direct perception (*pratyaksha-anupalabdihikaran*), enhancement of direct perception (Pratyaksha) by various instruments/ equipments, necessity of other *Pramanas* in addition to Pratyaksha.
6. Practical study/ application of Pratyaksha in physiological, diagnostic, therapeutics and research grounds.

1. Anumanapariksha/Pramana

1. Lakshana of Anumana. Introduction of Anumiti, Paramarsha, Vyapti, Hetu, Sadhya, Paksha, Drishtanta. Types of Anumana mentioned by Charaka and Nyayadarshana.
2. Characteristic and types of Vyapti.
3. Lakshana and types of Hetu, description of Ahetu and Hetwabhasa.
4. Characteristic and significance of Tarka.
5. Practical study/ application of Anumanapramana in physiological, diagnostic, therapeutics and research.

Yuktipariksha/ Pramana

1. Lakshana and discussion.
2. Importance in *Ayurveda*.
3. Practical study and utility in therapeutics and research.

6.UpamanaPramana

1. Lakshana.
2. Application in therapeutics and research.

1. Karya- Karana Siddhanta (Cause and Effect Theory)

1. Lakshana of Karya and Karana. Types of Karana.
2. Significance of Karya and Karana in Ayurveda.
3. Different opinions regarding the manifestation of Karya from Karana: Satkaryavada, Asatkaryavada, Parinamavada, Arambhavada, Paramanuvada, Vivartavada, Kshanabhangurvada, Swabhavavada, Pilupaka, Pitharpaka, Anekantavada, Swabhavoparamavada.

KRIYA SHARIR (PHYSIOLOGY)

Conceptual study of fundamental principles of Ayurvediya Kriya Sharir e.g - Panchamahabhuta, Tridosha, Triguna, Loka-Purusha Samya, Samanya-Vishesha. Description of basics of Srotas.

1. Definition and synonyms of the term Sharir, definition and synonyms of term Kriya, description of Sharir Dosha and Manasa Dosha. Mutual relationship between Triguna- Tridosha & Panchmahabhuta. Difference between Shaarir and Sharir. Description of the components of Purusha and classification of Purusha, role of Shatdhatupurusha in Kriya Sharira and Chikitsa.
2. Dosha- General description of Tridosha. Inter relationship between Ritu-Dosha-Rasa-Guna. Biological rhythms of Tridosha on the basis of day-night-age-season and food intake. Role of Dosha in the formation of Prakriti of an individual and in maintaining of health. Prakrita and Vaikrita Dosha.
3. Vata Dosha: Vyutpatti (derivation), Nirukti (etymology) of the term Vata, general locations, general properties and general functions of Vata, five types of Vata (Prana, Udana, Samana, Vyana, Apana) with their specific locations, specific properties, and specific functions.

Respiratory Physiology in Ayurveda, Physiology of speech in Ayurveda.

- Pitta Dosha: Vyutpatti, Nirukti of the term Pitta, general locations, general properties and general functions of Pitta, five types of Pitta (Pachaka, Ranjaka, Alochaka, Bhrajaka, Sadhaka) with their specific locations, specific properties, and specific functions. Similarities and differences between Agni and Pitta.
 - Kapha Dosha: Vyutpatti, Nirukti of the term Kapha, general locations, general properties and general functions of Kapha, five types of Kapha (Bodhaka, Avalambaka, Kledaka, Tarpaka, Śleshaka) with their specific locations, specific properties, and specific functions.
1. Etiological factors responsible for Dosha Vriddhi, Dosha Kshaya and their manifestations.
 2. Concept of Kriyakala.
1. Prakriti:
 2. Deha- Prakriti: Vyutpatti, Nirukti, various definitions and synonyms for the term 'Prakriti'. Intra-uterine and extra-uterine factors influencing Deha-Prakriti, classification and characteristic features of each kind of Deha-Prakriti.
 3. Manasa- Prakriti: Introduction and types of Manasa- Prakriti.
 4. Ahara: Definition, classification and significance of Ahara, Ahara-vidhi-vidhana, Ashta Aharavidhi Viseshayatana, Ahara Parinamkar Bhava.
 5. Aharapaka (Process of digestion): Description of Annavaha Srotas and their Mula. Role of Grahani & Pittadhara Kala.
 6. Description of Avasthapaka (Madhura, Amla and Katu). Description of Nishthapaka (Vipaka) and its classification. Separation of Sara and Kitta.

Absorption of Sara. Genesis of Vata-Pitta-Kapha during Aharapaka process. Definition of the term Koshtha. Classification of Koshtha and the characteristics of each type of Koshtha.

7. Agni – Definition and importance, synonyms, classification, location, properties and functions of Agni and functions of Jatharagni, Bhutagni, and Dhatvagni.
9. Concept of **Ashraya-Ashrayi** bhava i.e. inter-relationship among Dosha, Dhatu Mala and Srotas.
10. **Ojas**: Etymological derivation, definition, formation, location, properties, Praman, classification and functions of Ojas. Description of Vyadhikshamatva. Bala Vriddhikara Bhava. Classification of Bala. Etiological factors and manifestations of Ojavisramsa, Vyapat and Kshaya.
11. **Upadhatu**: General introduction, etymological derivation and definition of the term Upadhatu. Formation, nourishment, properties, location and functions of each Upadhatu.
12. Stanya: Characteristic features and methods of assessing Shuddha and Dushita Stanya, manifestations of Vriddhi and Kshaya of Stanya.

Artava: Characteristic features of Shuddha and Dushita Artava. Differences between Raja and Artava, physiology of Artavavaha Srotas

13. Tvak: classification, thickness of each layer and functions.

Mala: Etymological derivation and definition of the term Mala. Aharamala: Enumeration and description of the process of formation of Aharamala.

14. Purisha: Etymological derivation, definition, formation, properties, quantity and functions of Purisha. Physiology of Purishavaha Srotas, manifestations of Vriddhi and Kshaya of Purisha.
15. Mutra: Etymological derivation, definition, formation, properties, quantity and functions of Mutra. Physiology of Mutravaha Srotas, physiology of urine formation in Ayurveda, manifestations of Vriddhi and Kshaya of Mutra.
16. Sveda: Etymological derivation, definition, formation and functions of Sveda. Manifestations of Vriddhi and Kshaya of Sveda. Description of Svedvaha Srotas
17. Dhatumala: Brief description of each type of Dhatumala.
18. **Panchagyanendriya**: Physiological description of Panchagyaanendriya and physiology of perception of Shabda, Sparsha, Rupa, Rasa and Gandha. Physiological description of Karmendriya.
19. **Manas**: Etymological derivation, definition, synonyms, location, properties, functions and objects of Manas. Physiology of Manovaha Srotas.
20. **Atma**: Etymological derivation, definition, properties of Atma. Difference between Paramatma and Jivatma; Characteristic features of existence of Atma in living body.
21. **Nidra**: Nidrotpatti, types of Nidra, physiological and clinical significance of Nidra; Svapnotpatti and types of Svapna.

1 Rachana Sharir(anatomy).

2. Anatomical Terminologies

Anatomical position, Planes, and explanation of anatomical terms related to skin, fasciae, bones, joints and their movements, muscles, ligaments, tendons, blood vessels, nerves,.

3. Embryology

Definitions and branches of embryology. Embryo and fetus. Sperm and ovum, fertilization. Cleavage

Germ layers formation and their derivatives. Laws of heredity, Sex determination and differentiation, Month-wise development of embryo. Foetal circulation, placenta formation, Umbilical cord formation.

4. Osteology Bone: Definition, ossification, structure and types. Description of bones with clinical anatomy.

5. Arthrology Joints: Definition, structure types and movements. Description of joints of extremities, vertebral joints and temporomandibular joint with their clinical anatomy.

6. Cardiovascular system

1. Definition, types and structure of arteries and veins.
2. Description of heart and blood vessels with their course and branches.
3. Pericardium with applied aspect.

7. Lymphatic system

Definition, types and structure of lymph vessels, lymph glands with their clinical aspect.

8. Myology

a) Structure and types of muscles.

b) Description of muscles; their origin, insertion, actions, nerve supply and clinical anatomy.

1. Respiratory System

1. Bronchial tree and lungs with their clinical aspects.
2. Respiratory tract: nasal cavity, pharynx, larynx, trachea, bronchial tree.
3. Pleura with its clinical aspects.
4. Diaphragm.

2. Digestive system

1. Organs of digestive tract (alimentary tract) with their clinical aspects.
2. Digestive glands: liver, spleen and pancreas.
3. Description of peritoneum with its clinical aspects.

3. Urinary System

Urinary tract: kidney, ureter, urinary bladder and urethra with their clinical aspects.

4. Reproductive system

a. Male Reproductive system: reproductive organs, tract and glands (prostate and seminal vesicles) with their clinical aspects. b. Female reproductive system: reproductive organs, tract and glands with their clinical aspects.

5. Endocrinology

Definition, classification & description of endocrine glands (pituitary, thyroid, parathyroid, thymus and suprarenal glands)

with clinical aspects.

6. Nervous System Nervous system: definition, classification and its importance. Description of brain and spinal cord.

Description of peripheral nervous system: cranial and spinal nerves, nerve plexuses, and autonomic nervous system, formation and circulation of cerebrospinal fluid and blood supply of brain and spinal cord.

7. Sensory organs

Description of structures of eye, ear, nose, tongue and skin with their clinical aspects.

8. Surface and radiological anatomy

a. Study of radio-imaging of limbs, abdomen, pelvis and vertebral column with its clinical application.

SWASTHAVRITTA

VAIYAKTIKA SWASTHAVRITTA

Introduction Definition of swastha & swasthya and swasthavritta. Arogya lakshana, swasthavritta prayojanam, WHO definition of health. Dimensions of health- Physical, Mental, Social. Concept of wellbeing- objective, subjective, standard of living, quality of life.

Dinacharya 1. Definition of Dinacharya 2. Aims and importance of dinacharya 3. Brahma Muhurta evam Utthana 4. Usha Jalapana 5. Sharirachinta 6. Malatyaga 7. Mukha prakshalan 8. Dantadhavana and preparation of Ayurvedic tooth powder and paste 9. Jihvanirlekhavidhi 10. Anjana 11. Pratimarsha Nasya 12. Gandusha and Kavala 13. Tambulasevana 14. Dhoomapana 15. Abhyanga 16. Udvartana 17. Utsadana 18. Vyayama 19. Chankramana 20. Snana 21. Anulepana 22. Vastra dharana 23. Danda dharana 24. Padatra dharana 25. Chatra dharana 26. Ushnisha dharana 27. Ratnabharana dharana 28. Madhyahna charya 29. Cosmetic effect of Dinacharya procedures

Rathricharya 1. Sandhya charya 2. Rathri bhojana vidhi 3. Shayanavidhi according to Bhavamishra

Ritucharya 1. Importance of ritucharya 2. Ritu presentation as per different acharyas 3. Adana kala & visarga kala 4. Sanchaya-Prakopa-Prashamana of Dosha according to ritu 5. Doshashodhana in Ritu Charya 6. Relation of Agni bala and Ritu 7. Pathya and Apathya Ahara and Vihara in different ritus 8. a) Ritusandhi b) Yamadamsthra c) Rituharitaki d) Rituviparyaya

Sadvritta Description of Sadvritta and Achara Rasayana their role in Prevention and control of diseases.

Trayopastambha

i) Ahara Nirukti, Swarupa, Pramukhatva, Ahara dravya Vargikaranam, Aharavidhividhana, Dwadashashana pravicharana, Ashtaharvidhivisheshayatanani, Pathyahara, Apathyahara, Samashana, Adhyashana, Vishamashana, Ahara dushparinama & tajjanya vyadhaya, Santarpanjanya evam Apatarpanjanya vyadhi, Viruddhahara and its effects, Shadrasabhojanasya mahatwam.

Dietetic standards, Proximate principles of Food, Nutritional requirements, Sources and deficiency diseases of Protein, Carbohydrate, Fat, Vitamins and Minerals. Concept of balanced diet in Ayurveda, Nitya sevaneeya dravya, Balanced diet for different sections of people in the society, Social aspects of nutrition. Aharavarga - Dhanya varga (Cereals and millets), Shaka and Harita varga (Leafy and Non leafy vegetables), Kanda varga (roots and tubers), Phala varga (Fruits), Taila varga (Fats and Oils), Ikshu varga & Madhya varga (Alcoholic Beverages), Dugdha varga (Milk and Milk products), Masala and vyanjana dravyas (Spices & Condiments), Kritanna varga (Prepared Food), Mamsa varga (Meat types).

Food hygiene Milk hygiene-Milk composition, Source of infection (for Milk), Milk borne diseases, Clean and Safe milk, Pasteurization of milk. Meat hygiene-Meat inspection, Slaughter house, Freshness of fish and egg. Fruits and Vegetables hygiene Sanitation of eating places, Preservation of food, Food handlers, Food borne diseases, Food fortification, and Food adulteration, Food toxicants, Properties of Vegetarian and Non-vegetarian diet, Effects of spices and condiments Consumption of Alcohol and its effects on personal and social health. Effects of pathya-apathya in life style disorders- Diabetes, Hypertension, Obesity and Coronary heart Disease.

ii) Nidra- Nirukti and Utpatti, Types, Nidra – Swasthya sambandha, Properties of Yukta Nidra, Effects of Ratri Jagarana, Diwaswapna, Anidra, Atinidra, Ahara and Vihara causing disturbed sleep, Ahara and Vihara Causing sound sleep. Duration of sleep according to age, Sleep in healthy and diseased persons.

iii) Brahmacharya – Brahmacharya and Abrahmacharya, Importance of Bharmacharya and Abrahmacharya, Vyavaya sambandhi niyama, Effects of

Ativyavaya. Methods of Virya Raksha, Surataspriha(Libido) through Vajikarana, Viryanasa phala.

Roganutpadaniya- Concept of Vega- Adharaniya Vega and Dharaneeya Vega, Diseases due to vegadharana and their chikitsa, sharir shodhan.

Rasayana for Swastha-Nirukti, paribhasha(definition), classification and examples

Ashta nindita purusha

Menstrual hygiene

(YOGA AND NISARGOPACHARA)

YOGA

Introduction

Yoga shabda utpatti, definitions, Different schools of Yoga – Rajayoga, Hathayoga, Mantrayoga, Layayoga, Jnanayoga, Karmayoga, Bhaktiyoga. Yoga prayojana Ayurveda yoga sambandha, swasthya rakshane yogasya mahatvam Yogabhyasa pratibhandhaka & siddhikara bhavas as per Hathayoga. Mitahara and Pathyapathyani during Yogabhyasa.

Panchakosha Theory

Astanga yoga Yama, Niyama Asana and its importance Standing Postures Ardhakatichakrasana, Padahasthasana, Ardhaachakrasana, Trikonasana. Sitting postures Swasthika, Gomukhasana, Padmasana, Vajrasana, Bhadrasana, Shashankasana, Ushtrasana, Pashchimottanasana, Suptavajrasana, ardhmatsyendrasana, Siddhasana. Supine Postures Pavanamuktasana, Sarvangasana, Matsyasana, Halasana, Chakrasana, Shavasana, Setubandhasana. Prone postures Bhujangasana, Shalabhasana, Dhanurasana, Makarasana. Suryanamaskara – procedure and benefits.

Pranayama Benefits of pranayama, time of practice, avara-pravara-madhyama lakshana, yuktaayukta lakshana Nadishudhi Pranayama . Kumbhakabheda – suryabhedana, ujjayi, sheetali, Sitkari, Bhastrika, Bhramari Murcha, Plavini. Nadishudhilakshana

Shatkarma Dhauti, Basti, Neti, Trataka, Nauli, Kapalabhati

Bandhas and Mudras

Shad chakras, Ida-pingala-sushumna nadis.

Pratyahara, Dharana, Dhyana, Samadhi

Description of Yoga in Ayurveda Moksha and Muktatma lakshana and upaya, Naishthiki chikitsa, Satyabuddhi, Tatvasmriti, Ashta Aishwarya, Ashta siddhis. NISARGOPACHARA (Prakritika chikitsa)

Definition, history, aims and objectives Theories as per Western school of Naturopathy Indian school – Panchabhutopasana Relation of Ayurveda and Naturopathy Importance of Naturopathy in present era. Jalachikitsa(hydrotherapy) – Hot water treatment, Cold water treatment, foot and arm bath, Spinal bath, hip bath, abdominal wet pack, Steam bath, enema and whirl pool bath. Mrittika chikitsa (Mud therapy) Types of soil, doctrine of mud selection, mud bath. Suryakirana sevana (sun bath - heliotherapy) Mardana (Massage) – different methods and effects. Diet types – Soothing, Eliminative, Constructive, Positive and negative diet, Acidic and alkaline diet Upavasa chikitsa(Fasting therapy) – Importance, types, therapeutic effects of fasting. Visrama chikitsa upayoga

SAMAJIKA SWASTHAVRITTA

Janapadodhwamsa Causes, Manifestations and control measures, importance of Panchakarma and Rasayana.

Vayu (Air) Vayu guna according to sushruta samhita, Properties of Vayu as per different directions, Vayu shudhi prakara – Ayurvedic aspect. Composition of air. Air of occupied room- Thermal discomfort and comfort zone, indices of thermal comfort. Air pollution – health and social aspects, Prevention and control of air pollution ,Global warming. Ventilation and its types. Mountain air & High altitude – Health problems

Jala (Ayurvedic and modern aspects) Importance of water , safe and wholesome water, water requirements, properties, types and sources of water, water pollution and health hazards, Methods of water purification. Hardness of Water. Examination, Tests and analysis of water.

Rain water harvesting and water recycling

Bhumi and nivasa sthana(Land and housing) Types of soil, soil & health, Land pollution, Bhumi shodhana, Nivasa yogya bhoomi, Social goals of housing, Housing standards, Mahanasa (Kitchen) standards, Rural housing, Housing and health, Overcrowding.

Prakasha(lightning) Requirement of good lighting,natural lighting, artificial lighting, biological effects of lighting.

Dhwani pradooshana(Noise pollution) -Noise, Sources, effects,& control

Vikirana(Radiation)- sources, effects and control

Apadravya Nirmulana (Disposal of solid waste) Different types of solid waste Storage and collection of refuse Methods of disposal of solid waste (Rural & urban) Bio-medical waste management

Malanishkasana Vyavastha (Excreta Disposal) Methods for Unsewered area and Sewered area Latrines for camps, fairs and festivals Disposal of dead body – Burial, Burning, Electric cremation. Meteorology (Ritu evam Vatavarana jnanam) Definition of weather and climate,factors influencing weather and climate. Disaster management Definition, natural and man-made disasters,epidemiologic surveillance and disease control. Occupational Health Occupational Hazards, Occupational Diseases, Prevention of Occupational Diseases, Health & precautionary measures, ESI Act, Indian factories Act. Offensive Trades- Effects on health and precautionary measures .

School health services Health problems of school children, aspects of school health service, duties of school medical officers, Maintenance of healthy environment

Epidemiology Concept of Epidemiology, Dynamics of disease transmission, concept of diseases, concept of causation, Epidemiological triad, natural history of disease, concept of control, concept of prevention, Risks factor, modes of intervention, incidence and prevalence. Susceptible host, host defenses, Immunizing Agents, Disease prevention and control,investigation of epidemic. Disinfection – definition, types. Ayurvedic concept of Vyadhikshamatva and sankramaka rogas.

Epidemiology of communicable Diseases Chicken Pox, Measles, Diphtheria, Pertussis, Mumps, Tuberculosis, SARS, Influenza, Pneumonia, Cholera, Polio, Viral Hepatitis , Typhoid, Leptospirosis, Dengue Fever, Chikungunia, Malaria, Filariasis , Leprosy, Rabies , Tetanus, Emerging and re-emerging diseases

Kuprasangaja vyadhi (STDs) AIDS, Syphilis, Gonorrhoea, Chanchroid

Non-communicable disease epidemiology Diabetes, Obesity, Hypertension, Coronary Heart Diseases, Rheumatic Heart Disease, Cancer

Chikitsalaya Bhavana (Hospital Building)

Prathamika swasthya samrakshana(Primary Health Care) Definition, principle, elements,levels of health care. Structure at village, sub centre, PHC,CHC, Rural hospital levels. Health insurance, Private agencies, Voluntary health agencies, NGOs and AYUSH sector. Role of Ayurveda in Primary Health Care.

Parivara kalyana Yojana (Family welfare Programmes)– Demography, demographic cycle, life expectancy. Family planning, methods of family planning.

Matru sishu kalyana Yojana – MCH programme Ante natal, intra natal, post natal, neo natal care. Child health problems and indicators of MCH care.

Preventive geriatrics-Problems of elderly,prevention and control measures.

World Health Organisation-Objectives,structure and functions. International health agencies-United Nations agencies,Health work of bilateral agencies.

Alma Ata declaration National Health Policy

Health statistics- Definition, Sources, uses Data collection, Classification, Presentation. Vital statistics-Morbidity rates,Mortality rates ,Fertility rates. Health survey

Swasthya prashasana(Health Administration) – Health administration at Central including AYUSH, state, district, village levels. National health programmes Tuberculosis(RNTCP), Leprosy(NLEP), AIDS (NACP), Blindness (NPCB), Polio(PPI),Diabetes (NDCP), Cancer (NCCP) , Guinea worm, Vector born disease control programme, NRHM, all the upcoming national health programmes, RCH programme, Universal Immunization Programme.

National Nutritional Programmes - IDD, Vitamin A prophylaxis, Mid day meal, anemia control programmes.

PRACTICALS

Demonstration of Dinacharya procedures- anjana, nasya, kavala, gandoosha dhoomapana, abhyanga, udvartana.

Parichaya of aharadravya, immunization agents, disinfectants and family planning devices

Practical demonstrations of Asanas mentioned in the syllabus Pranayama (Suryabhedana, Ujjayi, Shitali, Sitkari, Bhastrika, Bhramari and Nadishuddhi) and Shad karmas(Jala dhauti, Jalaneti, Sutraneti, Trataka, Kapalabhati).

Preparing and delivering of a health educational talk on health related issues. A short compilation on any topic on environmental health.

Educational Visits Observe the functioning of the Milk Dairy, Water purification unit, Sewage treatment unit, MCH/Family welfare centre, Leprosy hospital and industrial unit. Visit to Primary Health Centre for knowledge of actual implementation of National health programmes including knowledge of rural health. Visit of rural Ayurvedic dispensary. Visit to naturopathy centre to observe naturopathic treatment modalities.

Health survey- Minimum 5 families of rural and urban areas. There should be 3 case sheets for Yoga Naturopathy & pathya apathya together and 3 case sheets for communicable diseases. Proformas for Case sheets/practical records/survey/Dinacharya projects etc should be prepared by the respective universities.

KAYACHIKITSA

1. Detailed description of Chikitsa Sutra and Management of Jwara and its types. Etiopathogenesis & relevant Ayurvedic and Modern management of following types of Fevers-Typhoid, Pneumonia, Pleurisy, Influenza, Mumps, Meningitis, Encephalitis, Tetanus, Yellow fever, Plague, Dengue Fever, Chikun Guniya, Leptospirosis, Viral Fever, Anthrax, Masurika (Small pox), Laghu Masurika (Chicken pox), Romantika (Measles). 1. Chikitsa sutra and Management of the diseases of Rasavaha Srotas such as – Pandu, Amavata, Madatyaya, Hridroga, Hridshoola, Hypotension, Hypertension, Anaemia, Rheumatoid arthritis. 2. Chikitsa sutra and Management of the diseases of Raktavaha Srotas such as - Raktapitta, Kamala, Kumbhakamala, Halimaka, Daha, Mada, Murcha, Sanyasa, Vatarakta, Plihadosh, Yakrut dosha, Haemolytic disorders, Hepatitis, Cirrhosis of Liver, Leukaemia, Kushta, Shvitra, Visarpa, Sheeta-pitta, Udarda, Kotha and Kshudra Roga.

3. Knowledge of National Health Programmes and the relevant Ayurvedic Management of the following diseases enlisted by World Health Organisation- Malaria, Filaria, Kala Azar, Leprosy, Tuberculosis, AIDS. 4. Introduction of general principles of maintenance of health and management of diseases of following systems of Medicine- Yoga, Naturopathy, Unani, Siddha, Physiotherapy and Rehabilitation. 5. Diseases of different Endocrine Glands- such as Thyroid, Parathyroid, Pituitary, Pancreas and Adrenal glands and their management. 6. General introduction, types and Management of diseases caused by Vyadhi Kshamatwa Hinata (Immuno deficiency disorders), Auto Immune Disorders. 7. Description and Management of following Emergency Conditions- Acute Haemorrhage, Hypertensive Emergencies, Acute abdominal pain (Renal colic, Biliary colic, Gastritis, Pancreatitis, Peritonitis and Appendicitis), Acute Abdomen, Anuria/ Oliguria, Congestive Heart Failure, Myocardial Infarction/Angina, Shock, Syncope, Convulsions, Hyperpyrexia, Hyperglycaemia, Hypoglycaemia, Status Asthmaticus, Acute Respiratory distress Syndrome, Drowning and Electric shock.

1. Chikitsa sutra and Management of the diseases of Pranavaha Srotas such as - Kasa, Shwasa, Hikka, Rajayakshma, Urakshata, Parshwashoola, Bronchitis, Bronchiectasis, Emphysema and COPDs. 2. Chikitsa sutra and Management of the diseases of Udakavaha Srotas such as- Shotha, Jalodara, Trishna, Water & Electrolyte Imbalance. 3. Chikitsa sutra and Management of the diseases of Annavaha Srotas such as – Agnimandya, Aruchi, Ajirna, Anaha, Atopa, Adhmana, Alasaka, Vilambika, Visuchika, Chardi, Grahani, Amlapitta, Gulma, Shoola, Bhasmaka, Acid peptic disorders. 4. Principles of treatment and management of Vata Vyadhi such as - Pakshavaha, Ekangavata, Sarvangavata, Ardita, Avbahuka, Kati Graha, Manyastambha, Gridhrasi, Vishwachi, Khalli, Khanja, Pangu, Padaharsha, Padadaha, Vatakantaka, Kroshtukashirsha, Udavarta, Kampavata, Dhatugata and Ashayagata Avarana Vata, other Vata Rogas, Parkinsonism. 5. Nidana and Chikitsa of Urusthambha, Gullian Barrie syndrome, Muscular Dystrophy, Myasthenia Gravis, Motor Neuron Diseases and Neuralgia.

1. Chikitsa Sutra and Management of Mamsavaha Srotas and Medovaha Srotas such as- Gandamala, Galaganda, Mamsashosha, Arbuda, Apachi, Prameha, Sthaulya, Karshya, Diabetes Mellitus, Dyslipidaemia. 2. Chikitsa Sutra and Management of 'Asthi and Majjavaha Srotas such as Asthimajja Vidradhi, Asthisoushrya, Asthi kshaya, Sandhigata Vata, Osteo Arthritis, Osteomyelitis, Osteoporosis, Osteopenia. 3. Chikitsa sutra and management of Shukravaha srotas such as Klaibya, shukralpata, shukradosha, kshina shukra, dhvajabhanga. 4. Chikitsa Sutra and Management of diseases of Mutravaha Srotas such as -Mutrakricha, Mutraghata, Ashmari, Cystitis, Nephritis, Nephrotic Syndrome, BPH, Renal Failure. 5. Chikitsa Sutra and

Management of diseases of Purishavaha Srotas such as – Atisara, Pravahika, Arsha, Purishaj Krimi, IBS and Ulcerative Colitis. 6. Chikitsa Sutra and Management of Sexually Transmitted Diseases such as – Phiranga, Puyameha, Upadamsha, lymphogranuloma inguinale, Syphilis, Gonorrhoea. 7. Introduction, Definition and Management of Kama, Krodha, Lobha, Moha, Mada, Matsarya, Shoka, Bhaya, Vishada, Dainya, Harsha and Pragyaparadha. 8. Manas and Manovahasrotas, Nidana and Chikitsa of the following disorders - UnmadaApasmara-Atattvabhinivesha, Chittodvega, Vishada, Anxiety disorders, Depression, Somatoform and Mood disorders, Stress induced disorders, Psychosexual Disorders. Importance of Daivavyapashraya, Sattwavajaya, Adravyabhuta Chikitsa. Medhya Rasayana in the management of Manasa Roga. Bhuta Vidya diagnosis and management of graha disorders. 9. Derivation, definition and synonyms of Rasayana, importance of Rasayana and its benefits. Indications of Rasayana therapy. Classification of Rasayana. Kutipravesika and Vatatapika Rasayana. Indications of Vatatapika Rasayana. Knowledge of Kayakalpa, Achara Rasayana. Procedures of Kutipravesika, Poorvakarma and specific schedules to be followed after Kutipravesha, benefits of Kutipravesika Rasayana, duration of process, Rasayana yoga and directions for their use. Determination of dose of Rasayana according to age. Rules and regulation after Rasayana therapy, Importance of Immunomodulators and antioxidants in Rasayana therapy. 10. Vajikarana- Derivation, definition, synonyms, necessity, benefits, importance of fertility, Symptoms of Shûkra (Semen), Vajikaran Dravya and Aushadhi. Properties, doses, methods of administration, ingredients and methods of formation of Rasayana & Vajikarana formulation. Classification and importance of Vajikarana Dravya .

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.*
- 11) After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.
- 12) Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.
- 13) To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.
- 14) A summary of each section, (i.e. questions answered, not answered, marked for review) is available for each section. You have to place the cursor over the section name for this summary.
- 15) In case you wish to view a larger font size, please inform the Invigilator. On the Invigilator's confirmation, click on the font size you wish to select. The font size will be visible on the top.
- 16) You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.
- 17) The SUBMIT button will be activated after 150 Minutes. It will continue for an additional 50 Minutes for PWD candidate eligible for compensatory time. Please keep checking the timer on your screen.
- 18) In case of automatic or manual log out, all your attempted responses will be saved. Also, the exam will start from the time where it had stopped.
- 19) You will be provided a blank sheet for rough work. Do write your Login ID and Password on it. Please ensure that you return it to the invigilator at the end of the exam after tearing ONLY the password from it.
- 20) Please don't touch the key board as your exam ID will get locked. If your ID gets locked, please inform a nearby invigilator who will help in unlocking your ID and then you can continue with the exam.
- 21) Please inform the invigilator in case of any technical issues.
- 22) Please do not talk to or disturb other candidates.
- 23) In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.
- 24) You cannot leave exam room before submitting the paper. Please inform the invigilator if you want to use the wash room.

ANNEXURE-V
LIST OF SCHEDULED CASTES AND SCHEDULED TRIBES

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

LIST OF SCHEDULED CASTES

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

LIST OF SCHEDULED TRIBES

1. Andh, Sadhu Andh
2. Bagata
3. Bhil
4. Chenchu
5. Gadabas, Bodo Gadaba, Gutob Gadaba, Kallayi Gadaba, Parangi Gadaba, Kathera Gadaba, Kapu Gadaba
6. Gond, Naikpod, Rajgond, Koitur
7. Goudu (in the Agency tracts)
8. Hill Reddis
9. Jatapus
10. Kammara
11. Kattunayakan
12. Kolam, Kolawar
13. Konda Dhoras, Kubi
14. Konda Kapus
15. Kondareddis
16. Kondhs, Kodi, Kodhu, Desaya Kondhs, Dongria Kondhs, Kuttiya Kondhs, Tikiria Kondhs, Yenity Kondhs, Kuvinga
17. Kotia, Bentho 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, Vadabalija, Bestha, Jalari, Gangavar, Gangaputra, Goondla, Vanyakulakshatriya (Vannekapu, Vannereddi, Pallikapu, Pallireddi) Neyyala, Pattapu.
- 2 Balasanthu, Bahurupi
- 3 *[Bandara]
- 4 Budabukkala
- 5 Rajaka (Chakali, Vannar)
- 6 Dasari (formerly engaged in Bikshatana i.e., Beggary)
- 7 Dommara
- 8 Gangiredlavaru
- 9 Jangam (whose traditional occupation is begging)
- 10 Jogi
- 11 Katipapala
- 12 *[Korcha]
- 13 Lambada or Banjara in Telangana area (deleted and included in ST list vide. G.O.Ms.No.149, SW, Dt.03.05.1978)
- 14 Medari or Mahendra
- 15 Mondivaru, Mondibanda, Banda
- 16 Nayi-Brahmin/Nayee-Brahmin (Mangali), Mangala and Bhajantri
- 17 Nakkala (deleted vide. G.O.Ms.No.21, BCW (C2) Dept., Dt.20.06.2011, since it is included in the list of Scheduled Tribes at Sl.No.34 vide. Scheduled Castes and Scheduled Tribes Order (Amendment) Act, 2002 (Central Act No.10 of 2003)
- 18 Vamsha Raj / Pitchiguntla
- 19 Pamula
- 20 Pardhi (Nirshikari)
- 21 Pambala

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

GROUP-B
(Vocational Groups)

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

- 26 Neeli (included vide. G.O.Ms.No. 43, BCW (C2) Dept., Dt.07.08.2008 by deleting from Group D at Sl.No.22)
 27 Budubunjala / Bhunjwa / Bhadbhunja (area confined to Hyderabad and Rangareddy Districts only)
 28 *[Gudia / Gudiya]

GROUP-C
(Harijan Converts)

- 1 Scheduled Castes converts to Christianity and their progeny

GROUP-D
(Other Classes)

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

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

- 1 Achchukattalavandlu, Singali, Singamvallu, Achchupanivallu, Achchukattuvaru, Achukatlavandlu
 2 Attar Saibulu, Attarollu
 3 Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tsakalas, Sakalas or Chakalas, Muslim Rajakas
 4 Faqir, Fhakhir Budbudki, Ghanti Fhakhir, Ghanta Fhakhiru, 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.*