

ANDHRA PRADESH PUBLIC SERVICE COMMISSION: VIJAYAWADA
SUPPLEMENTAL NOTIFICATION 14/2022, DT: 26/09/2022 TO NOTIFICATION 14/2021,
dt: 28/09/2021

DIRECT RECRUITMENT TO THE POST OF LECTURERS/ ASSISTANT PROFESSORS (AYURVEDA) IN
DR.NRS GAC IN AYUSH DEPARTMENT
(GENERAL RECRUITMENT)

PARA – 1:

- 1.1. Applications were invited through online from 07/10/2021 to 28/10/2021 from all the eligible candidates for the post of Lecturers / Assistant Professors (Ayurveda) in DR.NRS GAC in Ayush Department for a total of 03 vacancies vide Notification No:14/2021, dt:28/09/2021.
- 1.2. However, Government in HM & FW Department has issued orders following the direction of Hon'ble High Court dated: 03/03/2017 in W.P .NO:31936 of 2016 declaring the posts of Medical Officer/ Lecturer (Assistant Professors) in Ayurveda, Unani & Homoeo as “ **STATE WIDE**” posts for purpose of recruitment, posting and transfers vide G.O.RT .No:467, HM & FW (F2)Department, Dt:14/06/2022.
- 1.3. The Commissioner of Ayush accordingly furnished the revised indents. Hence, the supplemental Notification is hereby issued while incorporating all the necessary change over conditions of recruitment process **including revised vacancy position which shall be treated as final.**
- 1.4. The candidates those who are already applied pursuant to Notification No:14/2021, dt:28/09/2021 need not apply afresh. And their applications already made will be considered for the selection process.
- 1.5. However, the desirous candidates who are eligible as per the revised vacancy position can apply **from 07/10/2022 to 22/10/2022 (Note: 21-10-2022** is the last date for payment of fee upto 11:59 mid night) following the terms and conditions of this Supplemental Notification for the posts of Lecturers / Assistant Professors (Ayurveda) in DR.NRS GAC in Ayush Department for a total of 03 vacancies in the scale of pay of Rs: 54,060- 1,40,540/- as per RPS- 2022 , within the age group of 18 – 42 years as on **01.07.2021.**
- 1.6. The applicant who desirous to apply for the above post shall login the Commission's Website, with his/her registered OTPR number. In case the candidate is applying for the first time to the posts notified by A.P.P.S.C. he/she shall register his/her bio-data particulars through One Time Profile Registration (OTPR) on the Commission's Website viz., <https://psc.ap.gov.in> Once applicant registers his/her particulars, a user ID is generated and sent to his/her registered mobile number and email ID.
- 1.7. The selection to the post shall be on the basis of Written Examination in Computer Based Recruitment Test mode conducted by the Commission. The Dates of Written Examination will be announced separately.
- 1.8. The candidates are required to visit the Commission's website regularly to keep themselves updated about dates of written examinations are to be held. **The written Examination for the Recruitment as detailed in the Annexure II to this Notification is tentatively Scheduled to be held in the month of November, 2022.** The examination would be in objective type and questions are to be answered on computer system. Instructions regarding computer based recruitment test are attached as Annexure - III. The medium of Examination will be **English only.**
- 1.9. A general Mock Test facility is available to the applicants on the Commission's website to acquaint themselves with the computer based recruitment test. Applicant can visit the website and practice the answering pattern under MOCK TEST option available on main page of website <https://psc.ap.gov.in>
- 1.10. The applicant is required to visit the Commission's website regularly to keep himself / herself updated until completion of the recruitment process. The Commission's website information is final for all correspondence. No individual correspondence by any means will be entertained under any circumstances.
- 1.11. HALL TICKETS for the written Examination will be hosted on Commission's website for downloading. Instructions would be given through the website regarding downloading of Hall Tickets.
- 1.12. All desirous and eligible candidates shall apply online after satisfying themselves as per the terms and conditions of this recruitment notification. Any application sent through any mode other than the prescribed online mode will not be entertained under any circumstances. Submission of application form by the candidate is construed as he / she read the notification and shall abide by the terms and conditions laid down there under.

- 1.13. The details of vacancies of the post of **Lecturers / Assistant Professors (Ayurveda) in DR.NRSGAC in Ayush Department** are as follows:-

FRESH VACANCIES

Post Code No.	NAME OF THE POST (STATE WIDE POST)	Vacancies
01	Asst.Professor/Lecturer(Ayurveda) Basic Principles (SSS)-Samhitha	01
02	Asst.Professor/Lecturer(Ayurveda) Kriya Sharira	01
03	Asst.Professor/Lecturer(Ayurveda) Rachana Sharira	01

- Note:** 01. The vacancies in the above subjects are Single Solitary posts except post code 01.
02. The rule of reservation is not applicable for post code Nos 02 & 03 as the posts are single solitary posts.
03. The details of vacancies may be seen at Annexure-I.

PARA-2: ELIGIBILITY:

- i. He / She is of sound health, active habits and free from any bodily defect or infirmity rendering him unfit for such service; His / Her character and antecedents are such as to qualify him/her for such service;
- ii. He /She should possess the academic and other qualifications prescribed for the post: and
- iii. He/ She is a citizen of India:
Provided that no candidate other than a citizen of India may be appointed except with the previous sanction of the State Government and except in accordance with such conditions and restrictions as they may be laid down. Such sanction shall not be accorded unless the State Government are satisfied that sufficient number of citizens of India, who are qualified and suitable are not available.

PARA-3: EDUCATIONAL QUALIFICATIONS:

The candidate should possess the prescribed academic qualification as on the **date of original notification No:14/2021 i.e., 28/09/2021**. The date of **original notification No:14/2021, i.e., 28/09/2021** shall be the crucial date for calculating the experience including the practical experience. In respect of other than prescribed Educational Qualifications, claiming equivalence, the decision of the concerned department (Unit Officer) shall be final.

Note: If the applicant possesses an equivalence of qualification other than prescribed qualification in the Commission's notification, applicant should produce a copy of the Government Orders to the Commission in advance within 10 days of last date for submitting applications, failing which their application will be rejected.

Name of the post	Educational Qualifications
Lecturers / Assistant Professors (Ayurveda) in DR.NRS GAC	GO.Ms.No:67 ,HM & FW (1.2) Dept., dated 14.03.2005 of category IV (A) (1) a) Must possess a Post Graduation Degree in Ayurveda awarded by a University in India established or incorporated by or under Central Act or an Institution recognised by the UGC after having undergone regular study of not less than 3 years duration. Must be a permanent Registered Medical Practitioner within the meaning of the Law for the time being existing in the State. Annexure -1 Category -IV Note-II to G.O.Ms.No:67, HM & FW (1.2) Dept., dated:14.03.2005 b) All the Teaching cadre posts i.e., Principal/Professor (PG)/ Professor/ Reader/ Asst. Professor/ Research Officer/ Asst. Research Officer / Senior Lecturer /

	<p>Technical Assistant /Lecturer Shall be filled by those possessing Post Graduate Degree qualifications in the concerned subject/ Speciality, if candidates with P.G. Degree qualification in the concerned subject/Speciality are not available, candidates possessing near relative / equivalent allied subject/ speciality will be considered. If candidates with P.G. Degree qualifications are not available the candidates with Graduates qualification can be considered purely on Adhoc basis without conferring any right or claim on the post and they shall be replaced as and when P.G. qualified candidates are found available in accordance with Rule 10(b) of A.P.State and Subordinate Service Rules.</p> <p>Gazette of India No:3971, New Delhi, dated: 07/11/2016, Para 19(d)</p> <p>In absence of the candidate of Post Graduate qualification in the subject concerned as mentioned in column (2) of the table, the candidate of Post Graduate qualification in the allied subjects as mentioned in column (3) of the table, shall be considered eligible for the post of Lecturer or Assistant Professor , Reader or Associate Professor and Professor accordingly,</p> <p>c) If the candidate with P.G. Qualification in Rachana Sharira is not available, then the candidate with P.G. Qualification in Shalya which is allied/ equivalent subject to Rachana Sharira will be considered.</p> <p>d) If the candidate with P.G. Qualification in Kriya Sharira is not available, then the candidate with P.G. Qualification in Ayurveda Samhita evam Siddhant or Kayachikitsa which is allied/ equivalent subject to Kriya Sharira will be considered.</p> <p>e) Must be a permanent Registered Medical practitioner within the meaning of the Law for the time being existing in the state.</p>
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PARA- 4 RESERVATIONS:

- 4.1. There will be reservations in direct recruitment in respect of Scheduled Tribes, Scheduled Castes, Backward Classes, Economically Weaker Sections, Physically Challenged, Women and Meritorious Sports Person as per Rule 22 and 22 (A) of A.P. State and Subordinate Service Rules except Post code No.02 and 03. There will be no reservations since the posts are Single Solitary posts as per **Rule 22(j)** of APSSS Rules, 1996 which reads as follows:
- “Where there is only a single solitary posts borne on the class or category of a service, the rule of special representation shall not apply for appointment for such posts”.**
- “NOTE: The candidates belonging to SC, ST, BC, EWS& PH and who avails upper age relaxation will also be considered for open category vacancies”.**
- 4.2. In the case of candidates who claim the benefit of reservation or relaxation from upper age limit on the basis of Caste/Tribe or Community/Category the basic document of proof of Community/Category will be the Certificate issued by the Revenue Authorities not below the rank of Tahsildar in the case of SC/ST/EWS and Non Creamy Layer Certificate issued by the Revenue Authorities in the case of Backward Classes. The list of Caste/Tribe/Community is as incorporated in Schedule-I of above Rules. The list is also appended at Annexure –IV. The candidates have to produce proof of the community claimed in their application at all stages of selection along with the certificates relating to Educational Qualifications and local status certificates etc... Subsequent claim of change of community will not be entertained.
- 4.3. Reservation to PH Candidates is applicable to the **post code 01** only.
- 4.4. The person with disability means a person suffering from not less than forty percent of any disability as certified by a medical authority except hearing Impairment. Hearing Impairment means loss of sixty decibels or more in the better ear in the conversational range of frequencies which corresponds to 85 dBs Hearing threshold on the audiogram in the better ear i.e., 85 dB hearing level in audiogram – 25 dB upper limit of normal hearing = 60 dBs hearing loss as per provision under “Person with Disabilities Act, 1995” as amended in 15 th June 2017.
- 4.5. Caste & Community: Community Certificate issued by the competent authority in terms of

G.O. Ms No. 58, SW (J) Dept., dt.12/5/97 should be submitted at appropriate time. As per A.P. State and Subordinate Service Rules, Rule -2(28) Explanation: In so far as claiming for SC reservation is concerned, No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste. However, scheduled caste converts to Buddhism deemed to be scheduled caste. BCs, SCs, STs & EWS belonging to other States are not entitled for reservation.

- 4.6. There shall be Reservation to Women horizontally to an extent of 33 1/3% in terms of rule 22 -A of APSSS Rules as per G.O. Ms. No. 63, GA (Ser-D) Dept., dated: 17.04.2018.
- 4.7. The reservation to meritorious sports persons will apply as per G.O.Ms.No.13, GA (Ser-D) Dept., dated: 23.01.2018, G.O.Ms.No.74, Youth, Advancement, Tourism and Culture (Sports) Dept., dated: 09.08.2012, G.O.Ms.No.473, Youth, Advancement, Tourism and Culture (Sports) Dept., dated: 03.12.2018 and G.O.Ms.No.08, Youth, Advancement, Tourism and Culture (Sports) Dept., dated: 23.11.2020.
- 4.8. Evaluation of various physical disabilities and procedure for certification will be as per orders contained in G.O.Ms. No. 56, WD, CW & DW (DW) Dept., dated 02.12.2003 and G.O.Ms. No. 31, WD, CW & DW (DW) Dept., dated 01.12.2009.
- 4.9. Reservation to BC-E group will be subject to the adjudication of the litigation before the Hon'ble Courts including final orders in Civil Appeal No: (a) 2628-2637 of 2010 in SLP. No. 7388-7397 of 2010, dated. 25/03/2010 and orders from the Government.
- 4.10. The candidates claiming status of non-creamy layer of Backward Class have to obtain a Certificate in terms of G.O. Ms. No. 3, Backward Classes Welfare (C-2) Department, Dated 04.04.2006 read with G.O. Ms. No. 26 Backward Classes Welfare(C) Department, Dated 09.12.2013 regarding their exclusion from the Creamy Layer from the competent authority (Tahasildar) and produce the same at appropriate time of verification. In case of failure to produce the same on the day of verification, the Candidature will be considered against open competition even if he / she are otherwise eligible in all aspects.
- 4.11. Economically Weaker Sections means the persons who are not covered under existing scheme of reservations for the SCs, the STs and Socially and Educationally Backward Classes and whose gross annual family income is below Rs.8.00 lakh are identified as Economically Weaker Sections for the benefit of reservations. The persons seeking the benefit of reservation under EWS category shall obtain the necessary EWS Certificate issued by the Tahsildar concerned and produce at an appropriate time to the Commission as per G.O.Ms.No:73 GA(SER-D)Dept,Dt:04-08-2021.
- 4.12. The reservations and relaxations to different categories/communities are applicable only in case of availability of vacancies to the respective category/ community as announced through this notification.

PARA- 5 AGE:

- 5.1. Minimum 18 years & Maximum 42 years as on 01/07/2021 **(as per the year of original Notification)**, as per G.O.Ms.No.52 GA (Ser-A)Dept., Dt.17.06.2020.
N.B.: No person shall be eligible if less than 18 years and is more than 42 years.
- 5.2. *Age Relaxation* is applicable to the categories as detailed below:

S. No.	Category of candidates	Relaxation of age permissible
1.	SC, ST, BCs and EWS	5Years
2.	Physically Handicapped persons	10 Years
3.	Ex-Service men	Shall be allowed to deduct from his age a period of 3 years in addition to the length of service rendered by him in the armed forces / NCC.
4.	N.C.C. (who have worked as Instructor in N.C.C.)	
5.	Regular A.P. State Government Employees (Employees of Corporations, Municipalities etc. are not eligible).	Allowed to deduct from his age the length of regular Service under State Government up to a maximum of five years for the purposes of the maximum age limit.

EXPLANATION:

Provided that the persons referred to at Sl.Nos.3 & 4 above shall, after making the deductions referred to in sub Rule 12 (c) (i) & (ii) of A.P. State and Subordinate Service Rules not exceed the Maximum age limit prescribed for the post.

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

PARA - 6 HOW TO APPLY:

STEP-I: The applicant who desires to apply for the post shall login the Commission's Website with his/her registered OTPR number. Candidate applying for the first time for any notification has to first fill the OTPR application carefully to obtain OTPR ID. While filling the OTPR, the candidate has to ensure that the particulars are filled correctly. The Commission bears no responsibility for the mistakes, if any, made by the candidates. If candidates choose to modify they may do so by clicking the modify OTPR make the modification, save them and proceed to STEP-II.

STEP-II: The applicant has to Login the Commission's website with the user name (OTPR ID) and the Password set by candidate. After Login, the applicant has to click on the "Online Application Submission" present in the bottom right corner of the Commission's website.

PAYMENT PROCESS: The applicant now has to click on the payment link against the notification number that he wants to apply. The basic details required for calculation of the fee and age relaxation will be pre-populated from the OTPR data. The applicant has to verify all the details that are displayed. Once the payment form is submitted, the respective details (used for calculation of fee and age relaxation) will not be altered in any stage of application processing. Hence if any details are to be changed, applicant should use the modify OTPR link, modify the details, save it and again click on application payment link.

STEP-III: After checking all the data and ensuring that the data is correct the applicant has to fill application specific data such as Local/Non Local status, white card details etc., which are also used to calculate the fee. Once all the data is filled appropriately, the applicant has to submit the payment form. On successful submission, the payment reference ID is generated and is displayed on the screen. By clicking "OK" the applicant is shown the various payment options where he/she can select any one among them and complete the payment process as given on the screen.

STEP-IV: Once the payment is successful, payment reference ID is generated. Candidates can note the payment reference ID for future correspondence. Thereafter the applicant is directed to the application form. Applicant should provide the payment reference Id generated along with the other details required for filing the application form (other fields like OTPR ID and fees relaxations details will be pre-populated from the data submitted in the payment form for respective notification). The applicant should check the data displayed thoroughly and should fill the application specific fields like qualification details, examination centre etc., carefully and submit the application form. Once the application is submitted successfully then application receipt is generated. The applicant is requested to print and save the application receipt for future reference/correspondence.

NOTE: Applicant shall note that the data displayed from OTPR at the time of submitting the application will be considered for the purpose of this notification only. Any changes made by the applicant to OTPR data at a later date shall not be considered for the notification on hand.

STEP-V: In any case if the payment process is not submitted successfully, then the applicant should start the fresh payment process as mentioned in STEP-II.

STEP-VI: Once the application is submitted successfully, correction in application form will be enabled. The corrections can be made in the application form itself. Fields which affect the name, fee and age relaxations are not enabled for corrections.

NOTE:

- A. The Commission is not responsible, for any omissions made by the applicant in bio-data particulars while submitting the application form online. The applicants are therefore, advised to strictly follow the instructions given in the user guide before submitting the application.
- B. All the candidates are requested to submit their application with correct data. It is noticed that some of the candidates are requesting for change in the data, after submission of the application. It is informed that such requests shall be allowed on payment of Rs.100/- (Rupees hundred only) for each correction. However changes are not allowed for name, fee and age relaxation. No manual application for corrections shall be entertained. Corrections in the applications will be enabled after the last date of the submission of applications and will be allowed up to 7 days only from the last date of applications.
- C. The particulars furnished by the applicant in the application form will be taken as final. Candidates should, therefore, be very careful in uploading / submitting the application form online.
- D. Incomplete/incorrect application form will be summarily rejected. The information if any furnished by the candidate subsequently 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 to the final stage of recruitment process or even at a later stage and also liable for punishment as per Para 16.1 of this notification.

- E. Before uploading/submission 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 - 7: (a) FEE:

- 7.1. Applicant must pay Rs. 250/- (Rupees two hundred and fifty only) towards application processing fee and Rs 120/- (Rupees One Hundred and twenty only) towards examination fee.

Note: If candidate is eligible for more than one post is required to pay the fee for each post and apply each separately .

- 7.2. However, the following categories of candidates are exempted from payment of examination fee Rs.120/- only.

- i) SC, ST, BC, PH & Ex-Service Men.
- ii) Families having household supply white card issued by Civil Supplies Department, A.P. Government. (Residents of Andhra Pradesh)
- iii) Un-employed youth as per G.O.Ms.No.439, G.A (Ser- A) Dept., dated: 18/10/1996 should submit declaration at an appropriate time to the Commission.
- iv) Applicants belonging to the categories mentioned above (except Physically Handicapped Persons & Ex-Service Men) hailing from other States are not entitled for exemption from payment of fee and not entitled for claiming any kind of reservation.
- v) Candidates belonging to other States shall pay the prescribed examination fee of Rs.120/- (Rupees One Hundred and twenty only), along with processing fee of Rs. 250/- (Rupees two hundred and fifty only) through different channels as indicated at Para-8. Otherwise such applications will not be considered and no correspondence on this will be entertained.

7.3. b) MODE OF PAYMENT OF FEE:

- i) The fee mentioned in the above paragraph is to be paid online using payment gateway using net banking/ credit card / debit card. The list of banks providing service for the purpose of online remittance of fee will be available on the website.
- ii) The fee once remitted shall not be refunded or adjusted under any circumstances. Failure to pay the examination fee and application fee (in non-exempt case) will entail total rejection of application.
- iii) IPOs / Demand Drafts are not accepted.
- iv) In case of corrections Rs.100/- per correction will be charged. However changes are not allowed for name, fee and age relaxation.

PARA-8 : SCHEME OF EXAMINATION:-

The Scheme & Syllabus for the examination has been shown in Annexure-II.

PARA - 9: CENTRES FOR THE EXAMINATIONS:

The centres of examination will be announced separately. The applicant may choose the Test centre with three preferences. However the Commission reserves the right to allot the applicant to any centre of examination depending on the availability of the resources like centers / systems.

PARA – 10 RESOLUTION OF DISPUTES RELATED TO QUESTION PAPER, ANSWER KEY AND OTHER MATTERS

- 10.1. The Commission would publish answer key(s) for the question paper(s) on its website after conduct of the examination. If the candidates have any objections with regard to the key / questions they shall have to file the objections within three days after publication of the key in the prescribed proforma available in the website.
- 10.2. The objections received if any, would be examined and the decision of the Commission in this regard shall be final. Any objection filed after expiry of specified time would not be entertained.
- 10.3. With regard to situation where there is deletion of questions, if any, from any paper, scaling (proportionate increase) would be done for that particular part of the paper to

the maximum marks prescribed for the paper and the marks would be rounded off to 2 decimals to determine the merit of the candidate.

PARA -11 NOTE ON IMPORTANT LEGAL PROVISIONS GOVERNING THE RECRUITMENT PROCESS:

- 11.1. Vacancies: The recruitment will be made to the vacancies notified only. There shall be no waiting list as per G.O. Ms. No. 81, General Administration (Ser. A) Department, Dated 22/02/1997, G.O.Ms.No.544, General Administration (Ser. A) Department, Dated:04.12.1998 and Rule 6 of APPSC Rules of procedure. In any case, no cognizance will be taken by Commission of any vacancies arising or reported after the completion of the selection and recruitment process or the last date as decided by the Commission as far as this Notification is concerned, and these will be further dealt with as per G.O. & Rule cited above. As per G.O.Ms.No:139 Finance HR (I) Planning Policy Dept., dt:28/07/2016 Rule 7 of APPSC Rules of procedure regarding relinquished vacancies has been deleted.
- 11.2. The recruitment will be processed as per this notification and as per the Rules and Instructions issued by the Government and also as decided by the Commission from time to time. In G.O.Ms.No.67, Health Medical & Family Welfare (I.2) dept., dated: 14.03.2005, G.O.Ms.No.154, Health Medical & Family Welfare (I.2) dept., dated: 30.07.2012, G.O.RT. No: 467, HM & HW (F2) Department, dt:14/06/2022, Memo.No:428002/F.1/2021,Dt:08/07/2022, Memo.No:428002/F.1/2021,Dt:03/08/2022, G.O.Ms.No: 01, GA(Services-D)dept, 02/01/1978, Circular Memo No: 14721/ROR.1/2012,Social Welfare (ROR) Dept, Dt:11/03/2013, the Gazette of India No:397, dated :07/11/2016 and Memo No: 872/F.2/2014-02,HM & FW (F2) dept., dt:12/11/2014 Special Rules/Adhoc Rules Governing the recruitment and other related GOs, Rules etc., are applicable.
- 11.3. Rules: The various conditions and criteria prescribed herein are governed by the A.P. State and Subordinate Service Rules, 1996 read with the relevant Special Rules applicable to any particular service in the departments. Any guidelines or clarification is based on the said Rules, and, in case of any necessity, any matter will be processed as per the relevant General and Special Rules as in force.
- 11.4. The Commission is empowered under the provisions of Article 315 and 320 of the Constitution of India read with relevant laws, rules, regulations and executive instructions and all other enabling legal provisions in this regard to conduct examination for appointment to the posts notified herein, duly following the principle of order of merit as per Rule 3(vi) of the APPSC Rules of Procedure read with relevant statutory provisions and ensuring that the whole recruitment and selection process is carried out with utmost regard to secrecy and confidentiality so as to ensure that the principle of merit is scrupulously followed.
- 11.5. Scheme is prescribed as per G.O Ms. No.201, Finance (HR-I Plg, & Policy) Dept., dated:21.12.2017 read with G.O.Ms.No.58, GA (Ser.A) Dept., dt:26/06/21.
- 11.6. The persons already in Government Service/ Autonomous bodies/ Government aided institutions etc., whether in permanent or temporary capacity or as work charged employees are however required to inform, in writing, to their Head of Office/ Department that they have applied for this recruitment.
- 11.7. A candidate shall be disqualified for appointment, if he himself 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.

PARA- 12 The candidate shall go through the Annexures appended to the notification before filling the application form

Annexure- I- Break up of vacancies
 Annexure- II- Scheme & Syllabus
 Annexure- III Instructions to candidates
 Annexure- IV- LIST OF SC / ST /BC's

PARA-13: PROCEDURE OF SELECTION:

- 13.1. The selection to this recruitment notification will be based on the Merit in the written Exam to be held as per the Scheme and Syllabus shown at Annexure - II. The selection of candidates for appointment to the post will be made on the basis of Written Examination.
- 13.2. Appearance in all the papers of examination (computer based test) is compulsory. Absence in any of the papers will automatically render the disqualification of the candidature.
- 13.3. The standard for the examination and the cut off marks for various categories for selection shall be fixed by the Commission. However the candidates have to secure minimum

qualifying marks to be short listed for selection against respective vacancies. The minimum qualifying marks for the vacancies notified under different categories are as follows as per G.O.Ms.No.103, G.A. (Ser.A) Dept., dt.03.02.1967.

- | | |
|---|-----|
| 1. Open competition, Sports Persons, Ex-Service men & EWS | 40% |
| 2. Backward Class | 35% |
| 3. SCs, STs & PHs | 30% |

N.B.: Mere securing of minimum qualifying marks does not confer any right to the candidate for being considered to the selection.

Note: However in this Notification, the notified two (02) vacancies for post codes 02 & 03 under two different subjects are being Single Solitary Posts under Open Competition, the minimum Qualifying marks should be 40% for being considered to the selection.

- 13.4. The claims of members of the Scheduled Castes, Scheduled Tribes, Backward Classes, Economically Weaker Section and Women as the case may be, shall also be considered for the vacancies earmarked for open competition, which shall be filled on the basis of merit in the open competition. In respect of social reservations viz., Scheduled Castes, Scheduled Tribes, Backward Classes, the vertical reservation will be applicable and the number of appointments reserved for that category shall in no way be affected during the period the reservation for that category is in force. In case of women, the horizontal reservation is applicable in terms of G.O.Ms.No.63, GA (Ser-D) Dept., dated: 17.04.2018.
- 13.5. In the event of Schedule Caste & Schedule Tribe candidates not coming up for selection with the existing minimum prescribed for selection in the competitive examination conducted by the APPSC their selection shall be considered on the basis of rank with reference to their performance in the written competitive examination irrespective of the marks secured, as per G.O.Ms.No.631, G.A. (Ser.A) Dept., dt.05.09.1977.
- 13.6. Where the candidates get equal number of marks in the **Written Examination** if two or more candidates get equal total number of marks, those candidates shall be bracketed. Candidates within the same bracket shall then be ranked 1, 2, 3 etc., according to age i.e., oldest being considered for admission. In case there is tie in age, the person who possesses educational qualification at earlier date would be considered.
- 13.7. The appointment of selected candidates will be subject to their being found medically fit in the appropriate medical classification, and if he/she is of sound health, active habits and free from any bodily defect or infirmity.
- 13.8. ANSWER KEY AND MARKS: Answer key would be published on the website. No separate memorandum of marks would be issued.

PARA-14: DEBARMENT:

- 14.1. Candidates should make sure of their eligibility to the post applied for and that the declaration made by them in the format of application regarding their eligibility is correct in all respects. Any candidate **furnishing in-correct information or making false declaration regarding his/her eligibility at any stage or suppressing any information** is liable TO BE DEBARRED UPTO FIVE YEARS FROM APPEARING FOR ANY OF THE EXAMINATIONS CONDUCTED BY THE COMMISSION, and summary rejection of their candidature for this recruitment.
- 14.2. 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 recruitment. Further candidates shall be liable for penalty as per G.O.Ms.No.385,G.A.(Ser. A) Dept., Dt.18/10/2016. The Chief Superintendent of the examination centre is authorized to take decision in case of malpractice or usage of unfair means or creation of disturbance or use of physical force by any candidate and report the matter to the competent authority as well as register a police case.
- 14.3. 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 as per decision of the Commission.
- 14.4. Any candidate 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, be liable to be debarred permanently from any exam or selection held by the Service Commissions in the

country.

14.5. **ELECTRONIC GADGETS BANNED:**

(a) The use of any mobile (even in switched off mode), calculator or any electronic equipment or programmable device or storage media like pen drive, smart watches etc., or camera or blue tooth devices or any other equipment or related accessories either in working or switched off mode capable of being used as a communication device during the examination is strictly prohibited. Any infringement of these instructions shall entail disciplinary action including ban from future examinations.

(b) Candidates are advised in their own interest not to bring any of the banned items including mobile phones to the venue of the examination, as arrangement for safe – keeping cannot be assured.

PARA-15: COMMISSION'S DECISION TO BE FINAL:

The decision of the Commission in all aspects and all respects pertaining to the application and its acceptance or rejection as the case may be, conduct of examination and at all consequent stages culminating in the selection or otherwise of any candidate shall be final in all respects and binding on all concerned, under the powers vested with it under Article 315 and 320 of the Constitution of India. Commission also reserves its right to alter and modify the terms 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.

PLACE: VIJAYAWADA

Date : 26/09/2022

**Sd/-
H.Arun Kumar,I.A.S.,
SECRETARY**

ANNEXURE-I
SUPPLEMENTAL NOTIFICATION 14/2022 TO NOTIFICATION 14/2021
THE DETAILED VACANCY POSITION FOR THE POST OF LECTURERS / ASSISTANT
PROFESSORS (AYURVEDA) IN DR.NRS GAC IN AYUSH DEPARTMENT
(GENERAL RECRUITMENT) (STATE WIDE POST)

FRESH VACANCIES

SL.NO:	NAME OF THE SUBJECT	NO OF VACANCIES	CATEGORY
01.	Basic Principles (SSS) Samhitha	01	OC (W)
02.	Kriya Sharira *	01	OC
03.	Rachana Sharira *	01	OC

NOTE: 1.*Post Code 02 And Post Code 03 – Single Solitary Posts as per **Rule 22(j)** of APSSS Rules, 1996 which reads as follows:

“Where there is only a single solitary posts borne on the class or category of a service, the rule of special representation shall not apply for appointment for such posts”.

Annexure-II**SUPPLEMENTAL NOTIFICATION 14/2022 TO NOTIFICATION 14/2021****SCHEME AND SYLLABUS FOR THE POST OF LECTURER / ASSISTANT PROFESSOR
(AYURVEDA) IN DR.NRS GAC IN AYUSH DEPARTMENT**

WRITTEN EXAMINATION (OBJECTIVE TYPE)				
PAPER	Subject	No. Of Questions	Duration in Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability (Degree Standard)	150	150	150
Paper - II	Concerned Subject (AYURVEDA) (P.G Standard)	150	150	300
Total				450
<p>N.B: 1. As per G.O.Ms. No.235 Finance (HR-1, Plg & Policy) Dept, Dt: 06/12/2016, for each wrong answer will be penalized with 1/3rd of the marks prescribed for the question in all Objective type papers.</p> <p>2. Medium of Examination will be English only.</p>				

SYLLABUS**PAPER-I: GENERAL STUDIES AND MENTAL ABILITY**

1. Events of national and international importance.
2. Current affairs- international, national and regional.
3. General Science and its applications to the day to day life Contemporary developments in Science & Technology and information Technology.
4. Social- economic and political history of modern India with emphasis on Andhra Pradesh. **(Starts from 1707 AD)**
5. Indian polity and governance: constitutional issues, public policy, reforms and e-governance initiatives with specific reference to Andhra Pradesh.
6. Economic development in India since independence with emphasis on Andhra Pradesh.
7. Physical geography of Indian sub-continent and Andhra Pradesh.
8. Disaster management: vulnerability profile, prevention and mitigation strategies, Application of Remote Sensing and GIS in the assessment of Disaster.
9. Sustainable Development and Environmental Protection
10. Logical reasoning, analytical ability and data interpretation.
11. Data Analysis:
 - a) Tabulation of data
 - b) Visual representation of data
 - c) Basic data analysis (Summary Statistics such as mean, median, mode, variance and coefficient of variation) and Interpretation
12. Bifurcation of Andhra Pradesh and its Administrative, Economic, Social, Cultural, Political, and Legal implications/problems.

SYLLABUS FOR THE POST OF ASSISTANT PROFESSOR / LECTURER (AYURVEDA)**Paper - II****SAMHITHA SIDHANTHA****I. Maulik Siddhant avum Ashtanci Hridava
(Basic Principles and Ashtang Hridava)**

1. Ashtang Hridaya Sutrasthana Adhyaya 1 to 30
2. Description of Ashta Prakriti
3. Shastra Lakshan (Tantra), Tantraguna, Tantradasha, Tachitalya, Arthasraya, Kalpana

**II. PADARTHA VIGYAN EVUM AYURVEDA ITIHAS
(Philosophy and History of Ayurveda)**

1. Ayurveda Nirupana:- Lakshana of Ayu, composition of Ayu.. Lakshana of Ayurveda. Lakshana and classification of Siddhanta. introduction to basic principles of Ayurveda and their significance.

2. Ayurveda Darshana Nirupana:- Philosophical background of fundamentals of Ayurveda. Etymological derivation of the word "Darshana". Classification and general introduction to schools of Indian Philosophy with an emphasis on: Nyaya, Vaisheshika, Sankhya and Yoga. Ayurveda as unique and independent school of thought (philosophical individuality of Ayurveda).

Padartha: Lakshana, enumeration and classification, Bhava and Abhava padartha, Padartha according to Charaka (Karana-Padartha).

3. Dravya Vigyaniam:-

Dravya: Lakshana, classification and enumeration.

Panchabhuta: Various theories regarding the creation (theories of Taittiriyaopanishad, Nyaya-Vaisheshika, Sankhya-Yoga, Sankaracharya, Charaka and Susruta), Lakshana and qualities of each Bhoota.

Kaala: Etymological derivation, Lakshana and division / units, significance in Ayurveda.

Dik: Lakshana and division, significance in Ayurveda. Atma:Lakshana, classification, seat, Gunas, Linga according to Charaka, the method / process of knowledge formation (*atmanah jnasya pravrittih*).

Purusha: as mentioned in Ayurveda - Ativahikapurusha/ Sukshmasharira/ Rashipurusha/ Chikitsapurusha/ Karmapurusha/ Shaddhatvatmakapurusha.

Manas: Lakshana, synonyms, qualities, objects, functions, dual nature of mind (*ubhayaatmakatvam*), as a substratum of diseases, penta-elemental nature (*panchabhutatmakaivam*) Role of Panchamahabhuta and Triguna in Dehaprakriti and Manasaprakriti respectively. Tamas as the tenth Dravya. Practical study/application in Ayurveda.

4. Gunavigyaniam:- Etymological derivation, classification and enumeration according to Nyaya- Vaisheshika and Charaka, Artha, Gurvadiguna, Paradiguna, Adhyatmaguna. Lakshana and classification of all the 41 gunas. Practical / clinical application in Ayurveda.

5. Karma Vigyaniam:- Lakshana, classification in Nyaya. Description according to Ayurveda. Practical study/ application in Ayurveda.

6. Samanya Vigyaniam:- Lakshana, classification. Practical study/ application with reference to Dravya, Guna and Karma.

7. Vishesh Vigyaniam:- Lakshana, classification. Practical study/ application with reference to Dravya, Guna and Karma. Significance of the statement "*Pravrittirubhayasya tu*".

8. Samavaya Vigyaniam:- Lakshana Practical study /clinical application in Ayurveda.

9. Abhava Vigyaniam:- Lakshana, classification Clinical significances in Ayurveda.

10 Pramana/ Pariksha- Vigyaniam

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

Aptopdesha Pariksha/ Pramana:- Lakshana of Aptopadesha, Lakshana of Apta. Lakshana of Shabda, and its types. Shabdavritti-Abhidha, Lakshana, Vyanjana and Tatparyakhya.

Shaktigrahaheetu. Vaakya: Characteristics, Vaakyarthagyanahetu- Aakanksha, Yogyata, Sannidhi.

Pratyaksha Pariksha/ Pramana:- Lakshana of Pratyaksha, types of Pratyaksha- Nirvikalpaka- Savikalpaka with description, description of Laukika and Alaukika types and their further classification. Indriya-prapyakaritvam, six types of Sannikarsha. 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. Trayodasha Karana, dominance of Antahkaran. Hindrances in direct perception (*pratyaksha-anupalabdihikaaran*), enhancement of direct perception (Pratyaksha) by various instruments/ equipments, necessity of other Pramanas in addition to Pratyaksha. Practical study/ application of Pratyaksha in physiological, diagnostic, therapeutics and research grounds.

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

Yukti-pariksha/ Pramana:- Lakshana and discussion. Importance in Ayurveda. Practical study and utility in therapeutics and research

Upamana Pramana:- Lakshana and Application in therapeutics and research.

Karya- Karana Siddhanta (Cause and Effect Theory):- Lakshana of Karya and Karana. Types of Karana. Significance of Karya and Karana in Ayurveda. Different opinions regarding the manifestation of Karya from Karana: Satkaryavada, Asatkaryavada, Parinamavada, Arambhavada, Paramanuvada, Vivartavada, Kshanabhangurvada, Swabhavavada, Pilupaka, Pitharpaka, Anekantavada, Swabhavoparamavada.

11. Ayurved Itihas

Etymological derivation (Vyutpatti), syntactical derivation (Nirukti) and definition of the word Itihas, necessity of knowledge of history, its significance and utility, means and method of history, historical person (Vyakti), subject (Vishaya), time period (Kaal), happening (Ghatana) and their impact on Ayurveda.

Introduction to the authors of classical texts during Samhitakaal and their contribution:

Atreya, Dhanwantari, Kashyapa, Agnivesha, Sushruta, Bhela, Harita, Charaka, Dridhabala, Vagbhata, Nagarjuna, Jivaka.

Introduction to the commentators of classical Samhitas -

Bhattaraharicchandra, Jejjata, Chakrapani, Daihana, Nishchalakara, Vljayarakshita, Gayadas, Arunadutta, Hemadri, Gangadhara, Yogindranath Sen, Haranachandra, Indu.

Introduction to the authors of compendiums (Granthasamgrahaakaala) -

Bhavmishra, Sharngadhara, Vrinda, Madhavakara, Shodhala, Govinda Das (Author of Bhaishajyaratnawali), Basavraja.

Introduction to the authors of Modern era -

Gana Nath Sen, Yamini Bhushan Rai, Shankar Dajishastri Pade, Swami Lakshmiram, Yadavji Tikramji, Dr. P. M. Mehta, Ghanekar, Damodar Sharma Gaur, Priyavrat Sharma.

Globalization of Ayurveda -

Expansion of Ayurveda in Misra (Egypt), Sri Lanka, Nepal other nations. Developmental activities in Ayurveda in the post-independence period, development in educational trends. Establishment of different committees, their recommendations.

Introduction to and activities of the following Organizations :- Department of AYUSH, Central Council of Indian Medicine, Central Council for Research in Ayurvedic Sciences, Ayurvedic Pharmacopoeia commission, National Medicinal Plants Board, Traditional Knowledge Digital Library (TKDL)

Introduction to the following National Institutions : National Institute of Ayurved, Jaipur, IPGT&RA, Gujrat Ayurved University, Jamnagar, Faculty of Ayurved, BHU, Varanasi, Rashtriya Ayurveda Vidyapeetha, New Delhi. ,, Drug and Cosmetic Act. Introduction to national & international popular journals of Ayurveda. Introduction to activities of WHO In the promotion of Ayurved.

III. CHARAKASAMHITA -PURVARDHA

1. Sutrasthana 2. Indriyasthana 3. Nidanasthana 4. Vimanasthana 5. Sharirasthana

IV. CHARAK SAMHITA- UTTARARDHA

1. Chikitsa sthana 2. Kalpa sthana 3. Siddhi sthana

V. Learning and Teaching methodology available in Samhita- Tantrayukti, Tantraguna, Tantradasha, Tachchilya, Vadamarga, Kalpana, Arthashraya, Trividha Gyanopaya, teaching of Pada, Paada, Shloka, Vakya, Vakyaartha, meaning and scope of different Sthana and Chatushka of Brihatrayee.

1. Manuscriptology - Collection, conservation, cataloguing, Critical editing through collation, reception (A critical revision of a text incorporating the most plausible elements found in varying sources), emendation (changes for improvement) and textual criticism (critical analysis) of manuscripts. Publication of edited manuscripts.
2. Concept of Bija chatustaya (Purush, Vyadhi, Kriyakaal, Aushadha according to Sushrut Samhita).
3. Introduction and Application of Nyaya (Maxims) - Like Shilaputrak Nyaya, Kapinjaladhikaran Nyaya, Ghunakshara Nyaya, Gobalivarda Nyaya, Naprishtah Guravo Vadanti Nyaya, Shringagrahika Nyaya, Chhatrino Gacchhanti Nyaya, Shatapatrabhedana Nyaya, Suchikatah Nyaya.
4. Importance and utility of Samhita in present era.
5. Importance of ethics and principles of ideal living as mentioned in Samhita in the present era in relation to life style disorders.
6. Interpretation and co-relation of basic principles with contemporary sciences.
7. Definition of Siddhanta, types and applied examples in Ayurveda.
8. Ayu and its components as described in Samhita.
9. Principles of Karana-Karyavada, its utility In advancement of research in Ayurveda.
10. Theory of Evolution of Universe (Srishti Utpatti), its process according to Ayurveda and Darshana.
11. Importance and utility of Triskandha (Hetu, Linga, Aushadh) and their need in teaching, research and clinical practice.
12. Applied aspects of various fundamental principles: Tridosha, Triguna, Purusha and Atmanirupana, Shatpadartha, Ahara-Vihara. Scope and importance of Pariksha (Pramana).
13. Importance of knowledge of Sharir Prakriti and Manas Prakriti.

14. Comparative study of Principles of Ayurveda and Shad Darshanas.

VI. Charak Samhita;- Charak Samhita complete with Ayurved Dipika commentary by Chakrapani. Introductory information regarding all available commentaries on Charak Samhita

Sushrut Samhita & Ashtang-Hridayam:- Sushrut Samhita Sutra sthana and Sharir- sthana. with Nibandha Samgraha commentary by Acharya Dalhana. Ashtang-Hridayam Sutra Sthanamatram with Sarvanga Sundara commentary by Arun Dutt. Introductory information regarding all available commentaries on Sushrut Samhita and Ashtang Hridaya

Ayurvediya and Darshanika Siddhanta:- Introduction and description of philosophical principles incorporated in Charak Samhita, Sushrut Samhita, Ashtanga Hridya, shtang Samgraha. Analysis of principles specially loka-purusha samya, Shadpadartha, Praman, Srishti Utpatti, Panchmahabhuta, Pilupaka, Pitharpaka Karana-Karyavada, Tantrayukti, Nyayas (Maxims), Atmatatva siddhant. Importance of Satkaryavad, Arambhavada, Parmanuvada Swabhavoparamvada, Swabhava Vada, Yadricha Vada, Karmvada. Practical applicability principles of Samkhya- Yoga, Nyaya-Vaisheshika, Vedanta and Mimansa.

Ayurved lihas and Prayogika Siddhant :- Post independent Development of Ayurveda: Education, Research. Globalisation of Ayurved. Introduction of department of AYUSH, CCIM, CCRAS, RAV. Tridosh Siddhant. Panchabhautik Siddhant Manastatva and its Chikitsa Siddhant. Naishthiki Chikitsa. Practical applicability principles of Charvak, Jain & Bauddha Darshana. Journals, types of Journals review of Articles.

RACHNA SHARIR
(ANATOMY)

Shariopkramaniya Shaarlra

Sharira and shaarira vyakhya (definitions of sharira and shaarira), shadangatvam (six regions of the body), anga pratyanga vibhaga (sub divisions). Mrita sharir samshodhan. Shaarira shastra vibhaga, shaarira gyan prayojana Constitution of purusha according to dhatubheda, panchabhautikatvam, trigunatmakatvam, tridoshamayatvam, karma purusha, and doshadhatumala-mulakatvam.

Paribhasha Shaarira

Kurcha, kandara, jala, **asthisanghat**, seemanta, seevani, rajju, snayu and lasika.

Garbha Shaarira

Garbha definitions, explanation of shukra, artava, garbhadhana. Role of tridosha and panchmahabhuta in the fetal development. Beeja, beejabhaga and beejabhagavayava, linga vinischaya, masanumasika garbha vridhhi-krama, garbhottpadakbhava, garbhavridhikara bhava, garbha poshana, apara nirmana , nabhinadi nirmana. Aanga pratyanga utpatti

Pramana Shaarira: Anguli pramana.

Asthi Shaarira :- Asthi vyakhya, number, types, asthi swaroopa, vasa, meda and majja.

Sandhi Shaarira :- Sandhi vyakhya, numbers, types of asthi sandhi.

Sira, Dhamani, Srotas Shaarira :- Definition, types and number of sira and dhamani. Description of Hridaya Sroto shaarira: Definition, types of srotas and srotomula.

Peshi Shaarira :- Peshi vyakhya, structure, types, number and importance. Description of Peshi.

Koshtha Evam Ashaya Shaarira :- Definition of koshtha and number of koshthanga. Types and description of ashaya.

Kalaa Shaarira :- Kalaa: definition and types.

Uttarnangiya Shaarira :- Shatchakra, Ida, pingala and sushumna nadi - brief description.

Marma Shaarira :- Marma: definition, number, location, classification, clinical importance with viddha lakshana. Explanation of trimarmas. Detail description of marmas.

Indriya Shaarira :- Definition of indriya, indriya artha and indriya adhithan, their number and importance. Description of gyanendria, karmendriya and ubhayendriya (manas).

Definition and branches of anatomy: - Preservation methods of the cadaver.

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,.

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.

Osteology

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

Arthrology

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

Cardiovascular system:- Definition, types and structure of arteries and veins. Description of heart and blood vessels with their course and branches. Pericardium with applied aspect.

Lymphatic system :- Definition, types and structure of lymph vessels, lymph glands with their clinical aspect.

Myology :- Structure and types of muscles. Description of muscles; their origin, insertion, actions, nerve supply and clinical anatomy.

Respiratory System :- Bronchial tree and lungs with their clinical aspects. Respiratory tract: nasal cavity, pharynx, larynx, trachea, bronchial tree. Pleura with its clinical aspects. Diaphragm.

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

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

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

Endocrinology :- Definition, classification & description of endocrine glands (pituitary, thyroid, parathyroid, thymus and suprarenal glands) with clinical aspects.

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.

Sensory organs :- Description of structures of eye, ear, nose, tongue and skin with their clinical aspects.

Surface and radiological anatomy :- Study of radio-imaging of limbs, abdomen, pelvis and vertebral column with its clinical application. Surface anatomy of thoracic and abdominal viscera.

Basic principles of Sharira, Purushavichaya, Rashi Purusha, Karma Purusha (Shad Dhatuj Purusha), Chaturvimshati Purusha, Ek Dhatu Purusha. Relevant principles described in the Sharirasthan of Sushrut Samhita, Charak Samhita, Ashtang Sangrah and Ashtang Hridaya. Basic principles of Garbha Sharira in Ayurveda: Definitions of Garbha, Shukra Shonita Siddhanta, Dauhrida, Matrijadi Garbhotpattikar bhava.

Types of tissues, histological study of liver, spleen, uterus, kidney, endocrine glands, mammary gland, skin, tongue, lungs, bronchi, bones, muscles, cartilages and nervous tissue.

Paribhasha Sharira (Anatomical terminology) Pramana Sharira - Anguli and Anjali Pramana, Sama pramana Sharira, Ayama - Vistara and their prognostic values. Fundamental aspects of Asthi, Sandhi, Peshi Sharir. Fundamental aspects of Sirs, Dhamani, Srotas - Definitions, Siravedha, Avedhya Sira. Fundamental aspect of Srotomoola Sthana. Fundamental aspects of Koshtha and Koshthang: Hridaya, Yakrit, Vrikka, phupphusa, Aantra, Pleeha, Adhivrikkagranthi, Basti, Paurushagranthi, Amashaya, Agnyashaya and Vrishana. Fundamental aspects of Uttamangiya Sharir - Introduction to Nervous system - development, divisions, neuron-structure, types, function anatomy. Mrita shodhan (as per Sushruta) and Mrita Samrakshana (preservation method of human cadaver).

GARBHA SHAARIRA :- Etymology of Garbhavakranti Shaarira, features of Shukra and Shonita, description of Beeja, Beejbhaga, Beejbhagavyava and Garbhotpadakabhava, Garbha Poshana Krama, Garbhavriddhikar Bhav, Masanumashiki Garbhavriddhi, Foetal circulation. Explanation of lakshana occurring in Ritumati, Sadhyah Grihita Garbha.

Yamal garbha, Anasthi garbha. Explanation of Basic Embryology, and Systemic embryology. Knowledge of basic facts in advancement in Anuvanshiki (Genetics) and Garbhajavikara (Teratology).

KOSHTHANGA SIRA DHAMANI SROTAS SHAARIR :- Koshthanga Shaarira: - Detail etymological derivation of 'Koshtha' and Koshthanga, including detail study of structure of each Koshthanga. Male and Female genital organs. Ashaya: - Definition, detail

description. Kala Shaarira:-Etymology, Definition, description of Seven Kala with their Modern component and applied aspects. Paribhashika Shaarira: - Snayu, Kandara, Rajju, Sanghata, Jalaetc. and their general description. Sira, Dhamani and Srotas Shaarira: - Etymological derivation, definitions, synonyms, number and types of Sira, Dhamani and Srotas, anatomical differences among Sira, Dhamani and Srotas, description of Vedhya and AvedhyaSira (Puncturable and Non puncturable Veins) and clinical importance of Sira, Dhamani and Srotas including Modern Anatomical counterparts.

Marma Shaarira Evum Asthi Sandhi Peshee Shaarira :- Marma Shaarira:- Derivation and definitions of the term Marma and their features, characteristics and number of Marma according to Sushruta Divisions of Marma on morphological basis (Rachana Bheda), Shadangatvam (Regional), Abhighataja (Prognostic) classification, Trimarma according to Charaka. Knowledge of 'Marmaabhighata', MarmaViddha, Detailed study of individual marma with their clinical and Surgical importance. Importance of Marma in Shalyatantra. Asthi Shaarira :- General introduction and description of Asthi, differences among number of Asthi.Types of Asthi. Detail study of each bone with its ossification &Applied anatomy. Sandhi Shaarira Etymological derivation,description, features, number, types and Applied anatomy of all Sandhi (joints). Peshee Shaarira Etymological derivation,description, features, number, types and Applied anatomy of all Peshee (Muscles).

Tantra Shaarira Evum Antah and BahihGranthi Vigyaniya :- Description of Panchgyanendriya - Ayurved and Modem aspects. (Sensory organs (Eye, Ear, Nose, Tongue and Skin with their Applied anatomy). Shat Chakra - Location and significance in Yoga. Description of Ida, Pingala, Sushumanadi. Anatomy of brain and spinal cord, Peripheral nervous system (explanation of Nerve Plexuses and peripheral nerves, Cranial nerves and Autonomic nervous system, Cerebro-spinal fluid, Venous sinuses of Brain, Ventricular system of Brain, Blood supply of Brain, Meninges with Applied Anatomy. AntahSraviGranthi and BahihSraviGranthi:-Detall study of Exocrine &Endocrine glands.

KRIYA SHARIR **PHYSIOLOGY**

I. Conceptual study of fundamental principles of Ayurvediya Kriya Sharir e.g - Panchama habhuta, 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, rote 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.
4. 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.
5. 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, Sleshaka) with their specific locations, specific properties, and specific functions.
6. Etiological factors responsible for Dosha Vriddhi, Dosha Kshaya and their manifestations.
7. Concept of Kriyakala.
8. Prakriti:- Deha- Prakriti: Vyutpatti, Nirukti, various definitions and synonyms for the term 'Prakriti'. Intrauterine and extra-uterine factors influencing Deha-Prakriti, classification and characteristic features of each kind of Deha-Prakriti. Manasa- Prakriti: Introduction and type of Manasa- Prakriti.
10. Ahara: Definition, classification and significance of Ahara, Ahara-vidhi-vidhana, Ashta Aharavidhi Viseshayatana, Ahara Parinamkar Bhava.
11. Aharapaka (Process of digestion): Description of Annavaaha Srotas and their Mula. Role of Grahani & Pittadhara Kala.
12. 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.
13. Agni — Definition and importance, synonyms, classification, location, properties and functions of Agni and functions of Jatharagni, Bhutagni, and Dhatvagni.

Modern Physiology:-

Definition and mechanisms of maintenance of homeostasis. Cell physiology. Membrane physiology. Transportation of various substances across cell membrane.

Resting membrane potential and action potential. Physiology of respiratory system: functional anatomy of respiratory system. Definition of ventilation, mechanism of respiration, exchange and transport of gases, neural and chemical control of respiration, artificial respiration, asphyxia, hypoxia. Introduction to Pulmonary Function Tests. Physiology of Nervous System: General introduction to nervous system, neurons, mechanism of propagation of nerve impulse, physiology of CNS, PNS, ANS; physiology of sensory and motor nervous system, Functions of different parts of brain and physiology of special senses, intelligence, memory, learning and motivation. Physiology of sleep and dreams, EEG. Physiology of speech and articulation. Physiology of temperature regulation. Functional anatomy of gastro-intestinal tract, mechanism of secretion **and** composition of different digestive juices. Functions of salivary glands, stomach, liver, pancreas, small intestine and large intestine in the process of digestion and absorption.

Movements of the gut (deglutition, peristalsis, defecation) and their control.. Enteric nervous system. Acid-base balance, water and electrolyte balance. Study of basic components of food. Digestion and metabolism of proteins, fats and carbohydrates. Vitamins & Minerals- sources, daily requirement, functions, manifestations of hypo and hypervitaminosis.

Dhatu:- Etymology, derivation, definition, general introduction of term Dhatu, different theories related to Dhatuposhana (Dhatuposhana Nyaya)

Rasa Dhatu:

Etymology, derivation, location, properties, functions and Praman of Rasa-dhatu. Physiology of Rasavaha Srotas, Formation of Rasa Dhatu from Aahara Rasa, circulation of Rasa (Rasa-Samvahana), role of Vyana Vayu and Samana Vayu in Rasa Samvahana. Description of functioning of Hridaya. Ashtavidha Sara (8 types of Sara), characteristics of Tvakasara Purusha, conceptual study of mutual interdependence (Aashraya-Aashrayi Bhaava) and its relation to Rasa and Kapha. Manifestations of Kshaya and Vriddhi of Rasa.

Rakta Dhatu:

Etymology, derivation, synonyms, location, properties, functions and Praman of Rakta Dhatu. Panchabhautikatva of Rakta Dhatu, physiology of Raktavaha Srotas, formation of Raktadhatu, Ranjana of Rasa by Ranjaka Pitta, features of Shuddha Rakta, specific functions of Rakta, characteristics of Raktasara Purusha, manifestations of Kshaya and Vriddhi of Raktadhatu, mutual interdependence of Rakta and Pitta.

Mamsa Dhatu :

Etymology, derivation, synonyms, location, properties and functions of Mamsa Dhatu, physiology of Mamsavaha Srotasa, formation of Mamsa Dhatu, characteristics of Mamsasara Purusha, manifestations of Kshaya and Vriddhi of Mamsa Dhatu .Concept of Peshi.

Meda Dhatu

Etymology, derivation, location, properties, functions and Praman of Meda Dhatu, physiology of Medovaha Srotas, formation of Medo Dhatu, characteristics of Medasara Purusha and manifestations of Kshaya and Vriddhi of Meda.

Asthi Dhatu:

Etymology, derivation, synonyms, location, properties, functions of Asthi Dhatu. Number of Asthi. Physiology of Asthivaha Srotas and formation of Asthi Dhatu, characteristics of Asthisara Purusha, mutual interdependence of Vata and Asthi Dhatu, manifestations of Kshaya and Vriddhi of Asthi Dhatu.

Majja Dhatu :

Etymology, derivation, types, location, properties, functions and Praman of Majjaa Dhatu, physiology of Majjavaha Srotas, formation of Majja Dhatu, characteristics of Majja Sara Purusha, relation of Kapha, Pitta, Rakta and Majja, manifestations of Kshaya and Vriddhi of Majja Dhatu.

Shukra Dhatu:

Etymology, derivation, location, properties, functions and Praman of Shukra Dhatu, physiology of Shukraravaha Srotas and formation of Shukra Dhatu. Features of Shuddha Shukra, characteristics of Shukra-Sara Purusha, manifestations of Kshaya and Vriddhi of Shukra Dhatu.

Concept of **Ashraya-Ashrayi** bhava i.e. inter-relationship among Dosha, Dhatu Mala and Srotas.

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.

Upadhatu: General introduction, etymological derivation and definition of the term Upadhatu. Formation, nourishment, properties, location and functions of each Upadhatu. 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. vak: 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. Purisha: Etymological derivation, definition, formation, properties, quantity and functions of Purisha. Physiology of Purishavaha Srotas, manifestations of Vriddhi and Kshaya of Purisha. 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. Sveda: Etymological derivation, definition, formation and functions of Sveda. Manifestations of Vriddhi and Kshaya of Sveda. Discription of Svedvaha Srotas Dhatumala: Brief description of each type of Dhatumala.

Panchagyanendriya: Physiological description of Panchagyaanendriya and physiology of perception of Shabda, Sparsha, Rupa, Rasa and Gandha. Physiological description of Karmendriya.

Manas: Etymological derivation, definition, synonyms, location, properties, functions and objects of Manas. Physiology of Manovaha Srotas.

Atma: Etymological derivation, definition, properties of Atma. Difference between Paramatma and Ivatma; Characteristic features of existence of Atma in living body.

Jivatma: Characteristic features of existence of Atma in living body.

Nidra: Nidrotpatti, types of Nidra, physiological and clinical significance of Nidra; Svapnotpatti and types of Svapna.

Modern Physiology

Haemopoetic system - composition, functions of blood and blood cells, Haemopoiesis (stages and development of RBCs, and WBCs and platelets), composition and functions of bone marrow, structure, types and functions of haemoglobin, mechanism of blood clotting, anticoagulants, physiological basis of blood groups, plasma proteins, introduction to anaemia and jaundice. Immunity, classification of immunity: Innate, acquired and artificial. Different mechanisms involved in immunity: Humoral (B-cell mediated) and T-Cell mediated immunity. Hypersensitivity. Muscle physiology - comparison of physiology of skeletal muscles, cardiac muscles and smooth muscles. Physiology of muscle contraction. Physiology of cardio-vascular system: Functional anatomy of cardiovascular system. Cardiac cycle. Heart sounds. Regulation of cardiac output and venous return. Physiological basis of ECG. Heart-rate and its regulation. Arterial pulse. Systemic arterial blood pressure and its control. Adipose tissue, lipoproteins like VLDL, LDL and HDL triglycerides. Functions of skin, sweat glands and sebaceous glands.

Physiology of male and female reproductive systems. Description of ovulation, spermatogenesis, oogenesis, menstrual cycle. Physiology of Excretion - functional anatomy of urinary tract, functions of kidney. Mechanism of formation of urine, control of micturition. Formation of faeces and mechanism of defecation. Endocrine glands - General introduction to endocrine system, classification and characteristics of hormones, physiology of all endocrine glands, their functions and their effects.

Theory of Loka-Purusha Samya, Theory of Panchamahabhuta, Physiological aspects of Samanya — Vishesh Siddhanta, Concepts of Tridosha and Triguna, Concept of Dhatu, Concept of Mala, Description of Ojas, Process of Ahara Parinama including Aharaparinamakara Bhava, Asta Ahara Vidhi Visayatana, Physiological importance of Agni, its classification and functions, Dhatuposana theories, Concepts of Atma, Manas and Indriya, Concepts of Prakriti and Ashtavidha Sara. and Concept of Srotas

Description of essential and relevant understandings related to contemporary physiology, both general physiology and systemic physiology.

Essentials of cell physiology — organization of cell, Membrane physiology- transport across cell membrane, action potentials and resting membrane potentials, Homeostasis- negative and positive feedback mechanisms, Genetic code, its expression and regulation of gene expression, Essentials of cardiovascular physiology- cardiac cycle, regulation of heart rate and blood pressure, Essentials of respiratory physiology- regulation of respiration- chemical and neural, gaseous exchange, transportation of gases, Gastrointestinal physiology- various digestive juices and their actions, gastrointestinal hormones, enteric nervous system, Nervous system physiology- ANS, somatic nervous system, reflexes, general and special sensations, higher mental functions, functions of brain, brainstem and spinal cord, Blood: Blood cells-RBCs, WBCs, platelets, plasma proteins and immunity, Muscle physiology: properties and mechanisms of contraction of skeletal, cardiac and smooth muscles. Physiology of excretion- mechanism of urine formation, micturition. Endocrine physiology: Classification of hormones, hormones secreted by pituitary, thyroid, parathyroid, adrenal glands, pineal, pancreas and their functions. Study of male and female reproductive system: functions of reproductive hormones.

(Dosa-Dhatu-Mala Vijfiana) Contribution of different Ayurveda Samhita in Kriya Sharir

Theory of Pancamahabhuta, Principle of Loka-Purusha Samya, Importance of Samanya - Vigesa principle, Different views on the composition of Purusha and the importance of Cikitsya Purusha, Importance of Gurvadi Guna in Ayurveda, General description of Tridosha theory, Mutual relationship between Triguna-Tridosha mhamahabhata-Indriya, Mutual relationship between Rtu-Dosa-Rasa-Guna, Biological rhythms of Tridosha on the basis of Day-Night-Age-Season and Food intake, Role of Dosa in the formation of Prakriti of an individual, Role of Dosa in maintaining health.

Vata Dosa:

vGeneral locations (*Sthana*), general attributes (*Guna*) and general functions (*Samanya Karma*). Five subdivisions of Vata with their specific locations, specific properties, and specific functions (*Prana, Udana, Samana, Vyana, Apana*, Pitta Dosa: General locations

(Sthana), general attributes (Guna) and general functions (Samanya Karma). Five subdivisions of Pitta with their specific locations, specific properties, and specific functions (Pacaka, Ranjaka, Atocaka, Bhrajaka, Sadhaka). Similarities and differences between Agni and Pitta, Kapha Dosa: General locations (Sthana), general attributes (Guna) and general functions (Karma) of Kapha. Five subdivisions of Kapha with their specific locations, specific properties, and specific functions (Bodhaka, Avalambaka, Kledaka, Tarpaka, Slesaka), Applied physiology of Tridosha principle: Kriyakala, Dosa Vrddhi-Dosa Ksaya,

Dhatu Posana:

Process of nourishment of dhatu Description of various theories of Dhatu Posana (Ksira-Dadhi, KedarT-Kulya, Khale Kapota etc), Dhatu: General introduction and definition of Dhatu. Formation, Definition (Nirukti), Distribution, Attributes, quantity, classification, Paficabhautika composition and Functions of all seven Dhatus in detail: Rasa, Rakta, Mamsa, Meda, Asthi, Majja, Sukra, Applied physiology of Dhatu: Manifestations of Ksaya and Vriddhi of each Dhatu. Description of Dhahi Pradosaja Vikara, Description of Mraya and Mrayi kind of relationship between Dosa and Dhatu, Description of the characteristic features of Astavidha Sara. Description of Rasavaha, Raktavaha, Mamsavaha, Medovaha, Asthivaha, Majjavaha and Sukravaha Srotamsi.

Ojas:

Definition, locations, synonyms, Formation, Distribution, Properties, Quantity, Classification and Functions of Ojas. Description of Vyadhiksamitva. Bala Vrddhikara Bhava. Classification of Bala. Relation between Slesma, Bala and Ojas, Applied physiology of Ojas: Etiological factors and manifestations of Ojaksaya, Visramsa and Vyapat. Physiological and clinical significance of Ojas, Upadhatu: General introduction and Definition of the term 'Upadhatu'. Formation, Nourishment, Quantity, Properties, Distribution and functions of each Upadhatu.

Stanya: Characteristic features and methods of assessing Suddha and Di:mita Stanya, Manifestations of Vrddhi and Ksaya of Stanya.

Artava:- Characteristic features of Suddha and Dusita Artava. Differences between Raja and Artava, physiology of Artavavaha Srotamsi, Study of Tvak

Physiology of Mala - Definition of the term 'Mala'. Definition, Formation, Properties, Quantity and Functions of Purisa, Mutra. Manifestations of Vrddhi and Kshaya of Purisa and Matra.

Sveda - Definition, Formation, Properties, Quantity and Functions of SvedavahaSrotamsi. Formation of Sveda. Manifestations of Vrddhi and Ksaya of Sveda.

Dhatumala - Definition, Formation, properties, Quantity, Classification and Functions of each Dhatumala .

Prakrti- Sattva Vigyana

Deha-Prakrti: Various definitions and synonyms for the term 'Prakrti'. Factors influencing the Prakrti. Classification of Deha-Prakrti. Characteristic features of the individuals belonging to each kind of Deha-Prakrti. Recent advances in understanding the Prakrti,

Pancajnanendriya: Physiological description of Pancajnanendriya and physiology of perception of Sabda, Sparṣa, Rapa, Rasa, Gandha. Indriya- panca-pancaka; Physiological description of Karmendriya.

Manas - Definition, location (sthana), Properties, Functions and Objects of Manas.

Atma - Definition, Properties of Atma. Difference between Paramatma and jivatma; Characteristic features of Atma.

Buddhi - Location, Types, Functions of Buddhi; Physiology of Dhi, Dhrti and Smrti.

Nidra - Definition of Nidra, Classification of Nidra. Tandra, physiological and clinical significance of Nidra; Svapnotpatti and Svapnabheda.

Physiology of special senses. Intelligence, Memory, Learning and Motivation, Physiology of sleep, Physiology of speech and articulation; Physiology of Pain and temperature.

Kosthanga Kriya Vigyana

Ahara: Definition and significance of Mara. Classification of Ahara. Ahara-vidhi-vidhana. Asta aharavidhi vitesayatana, Aharaparinamakara bhava.

Aharpachana: Ahara Paka **Prakriya**, Description of Annavaha Srotas. Description of Avasthapaka and Nishthapaka. Role of dosha in Aharapaka. Sara and Kitta Vibhajana. Absorption of Sara. Utpatti and Udieeran of Vata-Pitta-Kapha, Definition of the term Kostha. Physiological classification of Kostha and the characteristics of each kind of Kostha.

Agni: Description of the importance of Agni. Classification of Agni. Locations, properties and functions of Jatharagni, Bhatagni, and Dhatvagni, Applied physiology of Agni in Kriya Sarira and Cikitsa, Description of the aetiology and features of Annavaha Srotodusti. Applied physiology of Annavaha Srotas: Arocaka, Ajima, Atsara, Grahani, Chardi, Parinama Sula Agnimandya.

Description of the process of digestion of fats, carbohydrates and proteins in human gastrointestinal tract. Different digestive juices, their enzymes and their mechanisms of action. Functions of Salivary glands, Stomach, Pancreas, Small intestine, Liver and large intestine in the process of digestion and absorption.

Movements of the gut (deglutition, peristalsis, defecation etc.) and their control. Role of neuro-endocrine mechanisms in the process of digestion and absorption. Enteric nervous system, Applied physiology of gastrointestinal tract: Vomiting, Diarrhoea, Malabsorption etc., Recent understandings related to the gut microbiota and their role in health and disease, Introduction to biochemical structure, properties and classification of proteins, fats and carbohydrates, Description of the processes involved in the metabolism of proteins, fats and carbohydrates.

Vitamins: sources, daily requirement and functions. Physiological basis of signs and symptoms of hypo and hyper-vitaminosis.

Morden Physiology and its applied aspect (Physiology of Neuro-Immune-Endocrine Mechanisms)

Physiology of Nervous System. General introduction to nervous system: neurons, mechanism of propagation of nerve impulse, Study of CNS, PNS and ANS. Sensory and motor functions of nervous system. Functions of different parts of brain and spinal cord, Hypothalamus and limbic system, Physiology of Endocrine system. Classification and characteristics of different hormones. Description of hormones secreted by Hypothalamus, Pituitary gland, Thyroid gland, Parathyroid glands, Pancreas, Adrenal glands and their physiological effects. Effects of hypo and hyper-secretion of various hormones, Male and

female reproductive physiology. Spermatogenesis and oogenesis. Hormonal regulation of uterine and ovarian cycles. Physiology of pregnancy and lactation. Parturition, Adipose tissue and its Function. Circulating lipids. Description of lipoproteins like VLDL, LDL and HDL and their composition, Physiology of immune system. Definition and classification of immunity: Innate, acquired and artificial. Mechanisms involved in humoral and cell mediated immunity.

Cardiovascular physiology, Respiratory physiology and Blood:

Physiology of Cardio-Vascular system: Functional anatomy of cardiovascular system. Cardiac cycle. Heart sounds. Regulation of cardiac output and venous return. Physiological basis of ECG. Heart-rate and its regulation. Arterial pulse. Systemic arterial blood pressure and its control. Regional circulations. Physiology of lymphatic circulation, Physiology of Respiratory system: Functional anatomy of respiratory system. Ventilation. Mechanism of respiration. Exchange and transportation of gases. Neural and chemical control of respiration. Spirometry and lung function tests. Artificial respiration, Functions of Haemopoietic system: Composition and functions of blood and blood cells. Haemopoiesis- (stages and development of RBCs, WBCs and platelets); Introduction to bone marrow: composition and functions of bone marrow. Structure and functions of haemoglobin, mechanism of blood clotting, study of platelets. physiological basis of blood groups. Principles of blood transfusion, plasma proteins- synthesis and functions. Applied physiology: Anaemia, Jaundice.

Musculoskeletal Physiology:

Physiology of muscles. Classification of muscles. Electrical and mechanical properties of Cardiac, skeletal and smooth muscles

Physiology of Excretion:

Physiology of excretion. Functional anatomy of urinary tract. Functions of kidneys. Mechanism of formation of urine. Control of micturition. Renal function tests, Structure and functions of skin, sweat glands and sebaceous glands. Physiograph, Computerised spirometry, Biochemical Analyzer, Pulse oxymeter, Elisa Reader, Hematology Analyzer, Tread mill, Recent studies in biorhythms, Recent advances in Neuro-Immune-Endocrine physiology, Recent advances in stem cell research

Annexure-III

INSTRUCTIONS TO CANDIDATES

A. INSTRUCTIONS TO CANDIDATES:

- A.1. The applicants are required to go through the user guide and satisfy themselves as to their eligibility for this recruitment carefully before applying and enter the particulars completely online.
- A.2. Applicant must compulsorily fill-up all relevant columns of application and submit application through website only. The particulars made available in the website will be processed through computer and the eligibility decided in terms of notification and confirmed accordingly.
- A.3. 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 delay/discrepancy on part of the candidate.
- A.4. Applicants must compulsorily upload his/her own scanned photo and signature through .jpg format.
- A.5. The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.
- A.6. Important:-Hand written/typed/Photostat copies/printed application form will not be entertained.
- A.7. The applicant shall produce all the essential certificates issued by the competent authority, for verification by the commission, as and when called for. If candidates fail to produce the same, his/her candidature shall be rejected / disqualified without any further correspondence.
- A.8. The following certificate formats are available on the Commission's Website (<https://psc.ap.gov.in>) for reference.
 - A.8.1. Community, Nativity and Date of Birth Certificate
 - A.8.2. Declaration by the Un-Employed
 - A.8.3. School Study Certificate
 - A.8.4. Certificate of Residence
 - A.8.5. Medical Certificate for the Blind
 - A.8.6. Certificate of Hearing Disability and Hearing Assessment
 - A.8.7. Medical Certificate in respect of Orthopedically Handicapped Candidates
 - A.8.8. Creamy Layer Certificate
 - A.8.9. Local status certificate (if applicable)

B. INSTRUCTIONS REGARDING ON-LINE EXAMINATION FOR CANDIDATES:

- B.1. The candidates should take their seats at the prescribed time before the commencement of the examination. Biometric identification would be conducted before entry into examination hall. The entry time would be mentioned in the hall ticket. Late entry after the given entry time would not be allowed. Candidates should not leave the examination hall till the expiry of fulltime. Loaning and interchanging of articles among the candidates is not permitted in the examination hall. Electronic devices including cell phones and pagers are not allowed in the examination hall.
- B.2. The starting time of each examination paper and the entry time would be mentioned in the hall ticket
- B.3. Candidates will not be permitted to leave the examination hall till the expiry of full time. If any candidate leaves the examination hall in the middle, he would be disqualified. If there is any problem with computer system, the candidates have to wait without talking to others till the system is restored. In case of any violation, the candidate will be disqualified.
- B.4. The examination link with the login screen will already be available on your system. Please inform the invigilator if this is not the case.

- B.5. 10 minutes prior to the exam, you'll be prompted to login. Please type the Login ID (Roll No) and the Password (Password for Candidate will be given on exam day) to proceed further.
- B.6. Invigilator will announce the password 15 minutes before commencement of the Examination.
- B.7. Copying or noting down questions and/or options is not allowed. Severe action will be taken if any candidate is found noting down the questions and/or options.
- B.8. After logging in, your screen will display:
 *Profile Information - Check the details & click on "I Confirm" or "I Deny".
 *Detailed exam instructions - Please read and understand thoroughly.
 *Please click on the "I am ready to Begin" button, after reading the instructions.
- B.9. You have to use the mouse to answer the multiple choice type questions with FOUR alternative answers.
- B.10. To answer any numerical answer type question, you need to use the virtual numeric key pad and the mouse.
- B.11. On the online exam question screen, the timer will display the balance time remaining for the completion of exam.
- B.12. 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.
- B.13. After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.
- B.14. Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.
- B.15. To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.
- B.16. 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.
- B.17. 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.
- B.18. You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.
- B.19. The SUBMIT button will be activated after 150 Minutes. Please keep checking the timer on your screen.
- B.20. 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.
- B.21. 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.
- B.22. 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.
- B.23. Please inform the invigilator in case of any technical issues.
- B.24. Please do not talk to or disturb other candidates.
- B.25. In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.
- B.26. You cannot leave exam room before submitting the paper. Please inform the invigilator if you want to use the wash room.

C. GENERAL INSTRUCTIONS TO CANDIDATES:

- C.1. If the candidate notices any discrepancy printed on the Hall ticket, as to community, date of birth etc., he/she may immediately bring it to the notice of Commission's

officials/Chief Superintendent in the examination centre and necessary corrections can be made in the Nominal Roll, in the Examination Hall against his/her Hall Ticket Number for being verified by the Commission's Office.

- C.2. The candidate should satisfy the Invigilator of his/her identity with reference to the signature and photographs available on the Nominal Rolls and Hall Ticket.
- C.3. The candidates should take their seats at the given time before the commencement of the examination and are not to be allowed after the scheduled time. The time of Examination and entry time would be mentioned in the hall ticket. Late entry after the given entry time would not be allowed. Candidates should not leave the examination hall till the expiry of fulltime.
- C.4. 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.
- C.5. The candidates are not allowed to bring any Electronic devices such as mobile / cell phones, programmable calculators, tablets, iPad, Bluetooth, pagers, watches or any other computing devices to examination Hall. 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.
- C.6. The candidates are expected to behave in orderly and disciplined manner while writing the examination. Their candidature will be rejected in case of impersonation/ disorder/ rowdy behaviour during Examination and necessary F.I.R. for this incident will be lodged with concerned Police Station. The Chief Superintendent of the centre is authorized to take spot decision in this matter.
- C.7. Candidates trying to use unfair means shall be disqualified from the selection. No correspondence whatsoever will be entertained from the candidates.
- C.8. 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. Action will be taken to penalize as per G.O.Ms.No.385, G.A. (Ser. A) Dept., Dt.18/10/2016.
- C.9. (a) Wherever the candidates are totally blind, they will be provided a scribe to write the examination and 20 minutes extra time is permitted to them per hour. Eligible candidates are also allowed to bring their own scribe after due intimation to the Commission after duly providing the full identification details of the scribe like name, address and appropriate proof of identification.
- (b) The applicants shall upload the certificate relating to percentage of disability for considering the appointment of scribe in the examination.
- (c) 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.
- (d) The candidate as well as the scribe will have to give a suitable undertaking conforming to the rules applicable
- C.10. In case the Hall-Ticket is without photo or too small, he/she should affix a passport size photo on Hall-ticket and appear by duly getting attested by Gazetted Officer. He/she shall handover similar photo for each paper to Chief Superintendent for affixing the same on the Nominal Rolls.
- C.11. The candidate will not be admitted to the examination Hall without procedural formalities.
- C.12. The candidate admission to the Examination is provisional, subject to the eligibility, confirmation/satisfaction of conditions laid down in this notification.
- C.13. The candidates should put his/ her signature and get the signature of the invigilator at the appropriate places in the Nominal Roll or OMR Answer Sheet.
- C.14. Instructions to be followed scrupulously in the Examination Hall.

ANNEXURE-IV
LIST OF SCHEDULED CASTES
(Definition 28 of General Rule - 2) SCHEDULE - I

(Substituted with effect from 27-07-1977 through
G.O.Ms.No. 838, G.A.(Services-D) Department, dated 15/12/1977)

- 1 Adi Andhra
- 2 Adi Dravida
- 3 Anamuk
- 4 Aray Mala
- 5 Arundhatiya
- 6 Arwa Mala
- 7 Bariki
- 8 Bavuri
- 9 Beda Jangam, Budga Jangam (In Districts of Hyderabad, Rangareddy, Mahaboobnagar, Adilabad, Nizamabad, Medak, Karimnagar, Warangal, Khammam and Nalgonda)*
- 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 Ellamalwar, Yellammalawandlu
- 22 Ghasi, Haddi, Relli, Chachandi
- 23 Godagali, Godagula (in the Districts of Srikakulam, Vizianagaram & Vishakapatnam) *
- 24 Godari
- 25 Gosangi
- 26 Holey a
- 27 Holey a Dasari
- 28 Jaggali
- 29 Jambuwulu
- 30 Kolupulvandlu, Pambada, Pambanda, Pambala *
- 31 Madasi Kuruva, Madari Kuruva
- 32 Madiga
- 33 Madiga Dasu, Mashteen
- 34 Mahar
- 35 Mala, Mala Ayawaru *
- 36 Mala Dasari
- 37 Mala Dasu
- 38 Mala Hannai
- 39 Mala Jangam
- 40 Mala Masti
- 41 Mala Sale, Netkani
- 42 Mala Sanyasi
- 43 Mang
- 44 Mang Garodi
- 45 Manne
- 46 Mashti
- 47 Matangi
- 48 Mahter
- 49 Mitha Ayyalvar
- 50 Mundala
- 51 Paky, Moti, Thoti

- 52 (Omitted)*
- 53 Pamidi
- 54 Panchama, Pariah
- 55 Relli
- 56 Samagara
- 57 Samban
- 58 Sapru
- 59 Sindhollu, Chindollu
- 60 Yatala (Srikakulam Dist. Only) Memo No. 8183/CV-1/2006-10 SW (CV-I) Dept., Dt. 31/03/2008
- 61 Valluvan * (Chittoor and Nellore Dist. Only) Memo No. 8183/CV-1/2006-10 SW (CV-I) Dept., Dt. 31/03/2008

* As for the Constitution (Scheduled Caste) orders (Second Amendment) Act 2002, Act No. 61 of 2002

LIST OF SCHEDULED TRIBES

1. Andh, Sadhu Andh *
2. Bagata
3. Bhil
4. Chanchu (Chenchwar omitted) *
5. Gadabas, Boda 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. Konda Reddis
16. Kondhs, Kodi, Kodhu, Desaya Kondhs, Dongria Kondhs, Kuttiya Konds, Tikiria Khondhs, Yenity Khondhs, Kuvinga *
17. Kotia, Benthoriya, Bartika, Dulia, Holva, Sanrona, Sidhopaiko (Dhulia, Paiko, Putiya- omitted *)
18. Koya, Doli Koya, Gutta Koya, Kammara Koya, Musara Koya, Oddi Koya, Pattidi Koya, Rajah, Rasha Koya, Lingadhari Koya (Ordinary), Kottu Koya, Bhine Koya, Raj Koya (Goud-omitted *)
19. Kulia
20. Malis (excluding Adilabad, Hyderabad, Karimnagar, Khammam, Mahabubnagar, Medak, Nalgonda, Nizamabad and Warangal District)
21. Manna Dhora
22. Nayaks (in the Agency tracts)
23. Mukha Dhora, Nooka Dhora
24. Pardhan
25. Porja, Parangi Perja
26. Reddi Dhoras
27. Rona, Rena
28. Savaras, Kapu Savaras, Maliya Savaras, Khutto Savaras
29. Sugalis, Lambadis, Banjara *
30. Thoti (in Adilabad, Hyderabad, Karimnagar, Khammam, Mahabubnagar, Medak, Nalgonda, Nizamabad and Warangal Districts)
31. Valmiki (in the Scheduled Areas of Vishakapatnam, Srikakulam, Vizianagaram, East Godavari and West Godavari Districts *)
32. Yenadis, Chella Yenadi, Kappala Yenadi, Manchi Yenadi, Reddi Yenadi *
33. Yerukulas, Koracha, Dabba Yerukula, Kunchapuri Yerukula, Uppu Yerukula *
34. Nakkala Kurivikaran (Nakkala – A.P. Gazette, Part – III (B) Central Acts ordinance and Regulations Issue No. 05 Dt. 02/10/2003)
35. Dhulia, Paiko, Putiya (in the districts of Vishakapatnam, Vizianagaram *)

* As for the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act 2002, Act No. 10 of 2003

LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES

(Amended from time to time as on 31/08/2007)

GROUP - A

Aboriginal Tribes, Vimuktha Jathis, Nomadic and Semi Nomadic Tribes etc.,

1. Agnikulakshatriya, Palli, Vadabalija, Besta, jalari, Gangavar, Gangaputra, Goondla, Vanyakulakshatriya (Vannekapu, Vannereddi, Pallikapu, Pallireddy Neyyala and Pattapu)
*Mudiraj / Mutrasi / Tenugollu, The G.O. Ms.No. 15 BCW(C2) Dept., dt. 19/02/2009 is suspended. Hence the inclusion of Mudiraj / Mutrasi / Tenugollu is suspended) vide Hon^{ble} A.P. High Court orders in WP No. 2122/2009 dated: 29- 04- 2009.
2. Balasanthu, Bahurupi
3. Bandara
4. Budabukkala
5. Rajaka (Chakali Vannar)
6. Dasari (formerly engaged in bikshatana)
(amended vide G.O.Rt.No. 32, BCW(M1) Department, dated 23/02/1995)
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 S.T. list vide G.O.Ms.No. 149, SW, dated 3/5/1978)
14. Medari or Mahendra
15. Mondivaru, Mondibanda, Banda
16. Nayee Brahmin (Mangali), Mangala and Bajantri
(amended vide G.O.Ms.No. 1, BCW(M1) Department, dated 6/1/1996)
17. Nakkala (Deleted vide G.O. Ms. No. 21, BCW(C2) Dept., Dt. 20/06/2011)
18. Vamsha Raj (amended vide G.O.Ms.No. 27, BCW(M1) Department, dated 23/06/1995 deleting the Original name Pitchiguntla)
19. Pamula
20. Pardhi (Mirshikari)
21. Pambala
22. Peddammavandlu, Devaravandlu, Yellammavandlu, Mutyalammavandlu (Dammali, Dammala, Dammula, Damala Castes confined to Srikakulam dist. Vide G.O.Ms. No.: 9 BCW(C2) Dept., Dt. 9/04/2008)
23. Veeramushti (Nettikotala), Veera bhadreya (Amended vide G.O. Ms. No. 62, BCW (M1) Dept., Dt. 10/12/1996)
24. Valmiki boya (Boya, Bedar, Kirataka, Nishadi, Yellapi, Pedda Boya) Talayari and Chunduvallu
(G.O.Ms. No. 124, SW, Dt. 24.06.85) Yellapi and Yellapu are one and the same amended vide G.O. Ms. No. 61, BCW(M1) Dept., Dt. 05.12.1996)
25. Yerukalas in Telangana area (deleted and included in the list of S.Ts)
26. Gudala
27. Kanjara - Bhatta
28. Kalinga (Kinthala deleted vide G.O.Ms. No. 53, SW, Dt. 07.03.1980)
29. Kepmare or Reddika
30. Mondipatta
31. Nokkar
32. Pariki Muggula
33. Yata
34. Chopemari
35. Kaikadi
36. Joshinandiwalas
37. Odde (Oddilu, Vaddi, Vaddelu)
38. Mandula (Govt. Memo No. 40-VI/70-1, Edn., Dt. 10.02.1972)
39. Mehator (Muslim) (Govt. Memo No. 234-VI/72-2, Edn., Dt. 05.07.1972). 40. Kunapuli (Govt. Memo No. 1279/P1/74-10, E&SW, Dt. 03.08.1975)
41. Patra (included in G.O. Ms. No. 8, BCW(C2) Dept., Dt. 28.08.2006)

42. kurakula of Srikakulam, Vizianagaram and Visakhapatnam Districts only. Included vide in G.O.MS.No. 26 BC W (C2) Dept., Dt. 4/07/08
43. Pondara of Srikakulam, Vizianagaram, and Visakhapatnam Districts only. Included vide G.O.MS.No. 28 BC W (C2) Dept., Dt. 4/07/08
44. Samanthula, Samantha, sountia, Sauntia of Srikakulam District only. Included vide G.O.MS.No. 29 BC W (C2) Dept., Dt. 4/07/08
45. pala-Ekari, Ekila, Vyakula, Ekiri, Nayanivaru, Palegaru, Tolagari, Kavali of Chittoor, Cuddapah, Kurnool, Anantapur, Nellore, Hyderabad and Rangareddy Districts only. Included Vide G.O. MS. No. 23 B.C. W (C2) Dept., Dt. 4/07/08
46. Rajannala, Rajannalu of Karimnagar, Warangal, Nizamabad and Adilabad Districts only. (included in vide G.O.Ms. No. 44 B.C.W(C2) Dept., Dt.07/08/2008).
47. Bukka Ayyavars, Included vide G.O.Ms.No. 6 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
48. Gotrala, Included vide G.O.Ms.No. 7 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana Region only.
49. Kasikapadi / Kasikapudi, Included vide G.O.Ms.No. 8 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Hyderabad, Rangareddy, Nizamabad, Mahaboobnagar and Adilabad Districts of Telangana Region only.
50. Siddula, Included vide G.O.Ms.No. 9 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana Region only.
51. Sikligar / Saikalgar, Included vide G.O.Ms.No. 10 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
52. Poosala included vide G.O. Ms.No. 16 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
53. Aasadula / Asadula, included vide G.O. Ms. No. 13, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to East Godavari and West Godavari Districts only.
54. Keuta/Kevuto/Keviti, included vide G.O. Ms. No. 15, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Srikakulam District only.

GROUP – B (Vocational)

1. Achukatlavandlu in the Districts of Visakhapatnam and Guntur confined to Hindus only as amended vide G.O. Ms. No. 8, BCW(C2) Dept., Dt. 29.03.2000
2. Aryakshatriya, Chittari , Giniyar, Chitrakara, Nakshas (Muchi Telugu Speaking deleted vide G.O. Ms. No. 31, BCW (M1) Dept., 11.06.1996)
3. Devanga
4. Goud (Ediga) Gouda (Gamella) Kalalee, Goundla, Settibalija of Vishaphapatnam, East Godavari, West Godavari and Krishna Districts and Srisayana (Segidi) – (amended vide G.O. Ms. No. 16, BCW (A1) Dept., dt. 19.06.1997
5. Dudekula, Laddaf, Pinjari or Noorbash
6. Gandla, Telikula, Devatilakula (Amended vide G.O. Ms. No. 13, BCW(A1) Dept., dt. 20.05.1997)
7. Jandra
8. Kummara or Kulala, Salivahana (Salivahana added vide G.O. Ms. No. 28, BCW(M1) Dept., 24.06.1995)
9. Karikalabhakthulu, Kaikolan or Kaikala (Sengundam or Sengunther)
10. Karnabhakthulu
11. Kuruba or Kuruma
12. Nagavaddilu
13. Neelakanthi
14. Patkar (Khatri)
15. Perika (Perikabalija, Puragirikshatriya)
16. Nessi or Kurni
17. Padmasali (Sali, Salivan, Pattusali, Senapathulu, Thogata Sali)
18. Srisayana ((**sagidi**)- deleted and added to Sl.No. 4 of Group-B)
19. Swakulasali
20. Thogata, Thogati or Thogataveerakshtriya
21. Viswabrahmin, Viswakarma (Ausula or Kamsali, Kammari, Kanchari Vadla or Vadra or Vadrangi and Silpis) (Viswakarma added vide G.O. Ms. No. 59 BCW(M1) Dept., Dt. 06.12.1995)
22. Kunchiti, Vakkaliga, Vakkaligara, Kunchitiga of Anantapur Dist. Only vide G.O. Ms.No. 10 BCW(C-2) Dept., Dt. 9-04-2008
23. Lodh, Lodhi, Lodha of Hyderabad, Rangareddy, Khammam and Adilabad Districts only. Included in Vide G.O.MS.No. 22 BC W (C2) Dept., Dt. 4/07/08
24. Bondili (included in vide G.O.Ms. No. 42, B.C.W(C2) Dept., Dt.07/08/2008)

25. Are Marathi, Maratha(Non-Brahmins), Arakalies and Surabhi Natakavallu. (included in vide G.O.Ms. No. 40, B.C.W(C2) Dept., Dt.07/08/2008)
26. Neeli (included in vide G.O.Ms. No. 43, B.C.W(C2) Dept., Dt.07/08/2008).
27. Budubunjala/Bhunjwa/Bhadbhunja, included vide G.O.Ms. No. 11, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Hyderabad and Ranga Reddy District only.
28. Gudia/Gudiya, included vide G.O.Ms. No. 14, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Srikakulam, Vizianagaram and Vishakhapatnam, district only.

GROUP – C

Scheduled Castes converts to Christianity and their progeny (Substituted in G.O.Ms.No.159, G.A.(Ser.D) Dept., dt. 02/04/1981)

GROUP – D (Other Classes)

1. Agaru
2. Are-Katika, Katika, Are-Suryavamsi(Are-Suryavamsi added vide G.O. Ms. No. 39, B.C. W(C2) Dept., Dt. 7/08/08)
3. Atagara
4. Bhatraju
5. Chippolu (Mera)
6. Gavara
7. Godaba
8. Hatkar
9. Jakkala
10. Jingar
11. Kandra
12. Kosthi
13. Kachi
14. Surya Balija, (Kalavanthulu) Ganika (amended vide G.O.Ms. No. 20, BCW(P2) Dept., Dt. 19.07.1994)
15. Krishanabalija (Dasari, Bukka)
16. Koppulavelama
17. Mathura
18. Mali (Bare, Barai, Marar and Tamboli of all Districts of Telangana Region added as synonyms vide G.O. Ms. No. 3, BCW(C2) Dept., Dt. 09.01.2004 and G.O. Ms. No. 45, B.C.W(C2) Dept., Dt.07/08/2008)
19. Mudiraj / Mutrasi / Tenugollu.
20. Munnurukapu (Telangana)
21. Nagavamsam (Nagavamsa) vide G.O.Ms.No. 53, BC Welfare Dept., dated:19/09/1996
22. Nelli(deleted vide G.O.Ms. No. 43, B.C.W(C2) Dept., Dt.07/08/2008)
23. Polinativelmas of Srikakulam and Visakhapatnam districts
24. deleted vide G.O. Ms.No. 16 Backward Classes Welfare (C2) Dept., dt. 19/02/2009
25. Passi
26. Rangrez or Bhavasarakshtriya
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. Included vide G.O. Ms. No. 7, Backward Classes Welfare (C2) Dept., Dt. 19/02/2011).
30. Turupukapus or Gajula kapus {... the words "of Srikakulam, Vizianagaram and Vishakapatnam Districts" were deleted vide G.O.Ms.No. 62, Backward Classes Welfare (C2) Dept., dt. 20/12/2008 and G.O. Ms.No. 19 Backward Classes Welfare (C2) Dept., dt. 19/02/2009} who are subject to Social customs or divorce and remarriage among their women (G.O. Ms. No. 65, E&SW, dt. 18.02.1994)
31. Uppara or Sagara
32. Vanjara (Vanjari)
33. Yadava (Golla)
34. Are, Arevallu and Arollu of Telangana District (Included vide G.O.Ms.No. 11, Backward Classes Welfare (C-2) Department, dt. 13/5/2003 and G.O.Ms. No. 41, B.C.W(C2) Dept., Dt.07/08/2008)
35. Sadara, Sadaru of Anantapur Dist. Only vide G.O.Ms.No. 11 BCW (C-2) Dept., Dt. 9-04- 2008

36. Arava of Srikakulam District only. Included in vide G.O. MS. No. 24 BC W (C2) Dept., Dt. 4/07/08
37. Ayyaraka, of Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari, Krishna, Guntur, Khammam and Warangal Districts only. Included in vide G.O. MS. No. 25 BC W (C2) Dept., Dt. 4/07/08
38. Nagaralu of Srikakulam, Vizianagaram, Visakhapatnam, Krishna, Hyderabad and Rangareddy Districts only. Included in vide G.O. MS. No. 27 BC W (C2) Dept., Dt. 4/07/08
39. Aghamudian, Aghamudiar, Agamudivellalar and Agamudimudaliar including Thuluva Vellalas of Chittoor, Nellore, Kurnool, Anantapur, Hyderabad and Rangareddy Districts only. Included in vide G.O. MS. No. 20 BC W (C2) Dept., Dt. 4/07/08
40. Beri Vysya, Beri Chetty of Chittoor, Nellore and Krishna Districts only. Included in vide G.O. MS. No. 21 BC W (C2) Dept., Dt. 4/07/08
41. Atirasa included vide G.O. Ms.No. 5 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to East Godavari and West Godavari Districts only.
42. Sondi / Sundi included vide G.O. Ms.No. 11 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
43. Varala included vide G.O. Ms.No. 12 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana region only.
44. Sistakaranam included vide G.O. Ms.No. 13 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
45. Lakkamari Kapu included vide G.O. Ms.No. 14 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana region only.
46. Veerashaiva Lingayat/Lingabaliya, included vide G.O. Ms.No. 22 Backward Classes Welfare (C2) Dept., dt. 28/02/2009.
47. Kurmi, included vide G.O.Ms. No. 12, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Telangana Region and also Krishna District only.
48. Kalinga Komati / Kalinga Vysya vide G.O. Ms. No.10 Backward classes Welfare(c) Department Dated.24.9.2014. The area of operation shall be confined to Srikakulam, Vizianagaram and Visakhapatnam districts only.

GROUP – E

(Socially and Educationally Backward Classes of Muslims)

1. Achchukattalavandlu, Singali, Singamvally, Achchupanivally, Achchukattuvaru, Achukattlavandlu.
2. Attar Saibuli, Attarollu
3. Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tskalas or Chakalass, Muslim Rajakas.
4. Faqir, Fhakhir Budbudki, Ghanti, Fhakhir, Ghanta Fhakhiru, Turaka Budbudki, Derves, Fakeer
5. Garadi Muslim, Garadi Saibulu, Pamulavally, Kani-Kattuvally, Garadollu, Garadiga.
6. Gosangi Muslim, Phakeer Sayebulu
7. Guddi Eluguvally, Elugu Bantuvally, Musalman Keelu Gurravally
8. Hajam, Nai, Nai Muslim, Navid
9. Labbi, Labbai, Labbon, Labba
10. Pakeerla, Borewale, Deraphakhiru, Bonthala
11. 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, Thirugatiganta, Rollaku Kakku Kottevaru, Pattar Phodulu, Chakketakare, Thuraka Kasha
15. Other Muslim groups excluding Syed, Saiyed, Sayyad, Mushaik; Mughal, Moghal; Pathans; Irani; Arab; Bohara, Bohra; Shia Imami Ismaili, Khoja; Cutchi-Memon; Jamayat; Navayat; and all the synonyms and sub-groups of the excluded groups; and except those who have been already included in the State List of Backward Classes.

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.
