

ANDHRA PRADESH PUBLIC SERVICE COMMISSION: VIJAYAWADA**NOTIFICATION NO.11/2022, Dt: 26/09/2022****DIRECT RECRUITMENT TO VARIOUS NON-GAZETTED POSTS****(GENERAL /LIMITED RECRUITMENT)****PARA – 1:**

- 1.1. Applications are invited online from eligible candidates for various Non-Gazetted posts details are at Para 1.11.
- 1.2. The candidate shall apply online through Commission's Website <https://psc.ap.gov.in> The application can be submitted from **11/10/2022 to 02/11/2022 (Note:01/11/2022 is the last date for payment of fee upto 11:59 mid night).**
- 1.3. The applicant who desires 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.
- 1.4. 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.
- 1.5. 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 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.
- 1.6. 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>
- 1.7. 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.
- 1.8. 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.
- 1.9. 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.
- 1.10. **If candidate is eligible for more than one post he/she is required to pay the fee for each post and apply for each post separately.**
- 1.11. The details of vacancies are as follows:-

CF VACANCIES

P.C. No.	Name of the Post	Age as on 01.07.2022	Scale of pay (Rs) (RPS-2022)	State wise /Zone wise vacancies				No of vacancies
				I	II	III	IV	
1.	Sample taker in A.P. Preventive Medicine, Public Health Labs & Food (Health) Sub-Service	18-42	35,570-1,09,910/-	02	-	01	-	03
2.	District Probation Officer, Grade -II in A.P.Juvenile Welfare correctional sub service	25-42	44,570-1,27,480/-	MZ-1 - 01				01
3.	Technical Assistant (Geo Physics) in A.P.Ground Water Sub Service	18-42	54,060-1,40,540/-	-	-	-	4	04
4.	Assistant Inspector of Fisheries in A.P.Fisheries Sub Service	18-42	32,670-1,01,970/-	01	02	-	-	03
5.	Town Planning & Building Overseer in AP Town and Country planning	18-42	34,580-1,07,210/-	-	02	-	-	02
6.	Junior Translator (Telugu) in A.P.Translation Subordinate Service	18-42	37,640-1,15,500/-	State Cadre				01
7.	Industrial Promotion Officer in A.P.Industrial Subordinate Service	18-42	54,060-1,40,540/-	01	02	01	04	08
8.	Technical Assistant in A.P. Mines & Geology Sub Service	18-42	35,570-1,09,910/-	MZ-2				04

Note:- 1) As per G.O.Ms.No. 277, GA (SC &ST Cell.B) Dept., 22.03.1976 and G.O.Ms.No. 23, Backward Class (Welfare) Dept., dated: 18.03.1996 the carry forward vacancies to be filled first by a relevant community candidate in succeeding recruitment.

FRESH VACANCIES

P.C. No.	Name of the Post	Age as on 01.07.2022	Scale of pay (Rs) (RPS-2022)	State wise /Zone wise vacancies				No of vacancies
				I	II	III	IV	
1.	Sample taker in A.P. Preventive Medicine, Public Health Labs & Food (Health) Sub-Service	18-42	35,570-1,09,910/-	1	2	3	3	09
2.	District Probation Officer, Grade -II in A.P.Juvenile Welfare correctional sub service	25-42	44,570-1,27,480 /-	MZ-1 - 02				02
9.	Food Safety Officer in A.P.Institute of Preventive Medicine, Public Health Laboratories and Food (Health) Administration subordinate service	18-42	44,570-1,27,480 /-	State Cadre				08

PARA-2: ELIGIBILITY:

- i. He / She is of sound health, active habits and free from any bodily defect or infirmity rendering him/her unfit for such service;.
- ii. His / Her character and antecedents are such as to qualify him/her for such service;.
- iii. He /She possesses the academic and other qualifications prescribed for the post: and
- iv. 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 TO VARIOUS POSTS:

The candidate should possess the prescribed academic qualification as on the date of this notification. **The date of this notification** 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.

P.C. No.	Name of the post	Qualification
1.	Sample taker in A.P. Preventive Medicine, Public Health Labs & Food (Health) Sub-Service	Must have passed SSC or its equivalent examination with Sanitary Inspectors Training Certificate, issued by the Director of Public Health as the Chairman of the Board of Examiners constituted in this behalf by the State Government
2.	District Probation Officer, Grade -II in A.P.Juvenile Welfare correctional sub service	Must possess a Bachelor's Degree in Social Work or Psychology or any graduation with M.A in Social Work or Psychology or M.A. with specialization in Criminology or Correctional Administration from a University in India established or incorporated by or under Central Act, Provincial Act or State Act.
3.	Technical Assistant (Geo Physics) in A.P.Ground Water Sub Service	Degree in M.Sc or M.Sc (Tech) or M.Tech or its equivalent in Geophysics from a University or an Institution recognized by the University Grants Commission.
4.	Assistant Inspector of Fisheries in A.P.Fisheries Sub	Must possess: i). A Post Graduate Diploma in Fisheries Technology awarded by the State Board of Technical Education

	Service	<p>and Training; OR</p> <p>ii). A Diploma in the Fisheries Technology and Navigation of Polytechnic in the State or any other equivalent qualification;</p> <p>OR</p> <p>iii). A certificate indicating successful completion of the course of Inland or Marine Fisheries Classes conducted by Government of India;</p> <p>OR</p> <p>iv). B.Sc., Degree of a University in India established or incorporated by or under a Central Act, Provincial Act or State Act or an Institution recognised by the University Grants Commission in the subject, in respect of which recruitment is made, with Zoology as Main or Subsidiary subject or any other equivalent qualification.</p> <p>v). 1. B.F.Sc., or 2. B.Sc., (FZC) 3. B.Sc., (Fisheries)</p> <p>Annexure (see Rule-5) Class-I (2) of G.O.Ms.No.131, AH&F (Fish-I) Dept., dated 30.06.1993 and G.O.Ms.No.157, AH&F (Fish-I) Dept., dated: 13.12.1995.</p>
5.	Town Planning & Building Overseer in AP Town and Country planning Sub ordinate Service	<p>(a). Must possess a minimum qualification of a Diploma in D.C.E./ L.C.E./L.A.A awarded by the Andhra Pradesh Board of Technical Education</p> <p>(or)</p> <p>(b).Degree in B.Arch, or B.E/ B. Tech (civil) or B Planning/ B. Tech (Planning) from a University in India established or incorporated by or under a Central Act, State Act or Provincial Act, recognized by the University Grants Commission.</p> <p>(or)</p> <p>(c) Any other equivalent qualification to the qualification under (a) & (b) above as prescribed by the Govt from time to time and shall be enunciate by the Govt., thereto.</p> <p>(vide G.O.Ms.No:568 M.A HMA &UDD Dt:23/05/1981 and changed the qualification in the amended Service rules vide G.O.Ms.No:346 MA & UD (B2) Department Dt:20/07/2013)</p>
6.	Junior Translator (Telugu) in Director of Translation.	<p>Must Possess a Degree of a University in India established or incorporated by or under a Central Act, Provincial Act or State Act or an Institution recognised by the University Grants Commission or an Equivalent qualification with the relevant language (i.e. Telugu) as one of the subjects.</p>
7.	Industrial Promotion Officer in A.P.Industrial Sub Ordinate Service	<p>a. A degree in any branch of Engineering or Technology specified below of a University in India established or incorporated by or under a Central Act or State a Act or a Provincial Act or an Institution recognized by the University Grants Commission :</p> <ol style="list-style-type: none"> 1. Mechanical Engineering; 2. Chemical Engineering ; 3. Electrical Engineering; 4. Electronics & Communications Engineering; 5. Computer Sciences; 6. Electrical & Electronics ; 7. Metallurgical Engineering; 8. Production Engineering; 9. Industrial Engineering; 10. Automobile Engineering; 11. Ceramics; 12. Bio- Medical Engineering; 13. Petro- Chemical Engineering; 14. Instrumentation Engineering; <p>(OR)</p> <p>b. A diploma in any branch of Engineering or Technology specified under Clause (a) above of a recognized institution with three years experience in any reputed work shop, factory or an Industrial under taking.</p> <p>(As per the G.O.Ms.No:225, I & C (IE) Department, Dt:22/11/1996)</p>

08.	Technical Assistant in A.P. Mines & Geology Sub Service	Must Possess B.Sc Degree in Geology from any recognised University of India established or incorporated by or under a Central or a State sector an Institution recognised by the University Grants Commission provided that candidate having practical experience for a period of not less than one year in the investigation of mineral deposits and geological mapping or mining or underground water resources shall be given preference. (As per G.O.Ms.No.205, Industries and Commerce (M1)(1), dept., Dated: 22/06/1999)
09.	Food safety officer in A.P.Institute of Preventive Medicine. Public Health Laboratories and Food (Health) Administration subordinate service	<p>i) Must possesses a Degree in Food Technology or Dairy Technology or Biotechnology or Oil Technology or Agricultural Science or Veterinary Sciences or Bio – Chemistry or Microbiology or Masters Degree in Chemistry or Degree in Medicine from a recognized University,</p> <p style="text-align: center;">or</p> <p>(ii) any other equivalent / recognized qualification notified by the Central Government</p>

PARA- 4 RESERVATIONS:

- 4.1. There will be reservations in direct recruitment in respect of Scheduled Tribes, Scheduled Castes, Backward Classes, Economically Weaker Sections, Meritorious Sports Persons, Physically Challenged persons and Women as per Rule 22 and 22 (A) of A.P. State and Subordinate Service Rules.

“NOTE: The candidates belonging to SC, ST, BC, EWS & PH and who avails upper age relaxation will also be considered for open category vacancies”.

2. For Post Code No.05 & 08 PH reservation is not applicable as per service rules of the posts.

3. For post code No:07 PH reservation restricted to OH category only as per G.O.Ms.No:187, Industries and Commerce (IE) Department , dt:29/04/1993.

4. For Post Code No.09 PH reservation restricted to OH and HH categories only as per Govt. Memo No:457271/H1/2017-3, dt:11/05/2018.

- 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. 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.
- 4.4. 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.
- 4.5. 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.

- 4.6. If eligible disabled candidates of a particular category are not available, to fill up the carry forward vacancy, the same shall be filled-up by the method of interchanging as per G.O. Ms. No.23, department for Women, Children, Disabled and Senior Citizen (DW)Dept., Dated: 26.05.2011 and G.O.Ms.No.99, General Admn (Services -D) Dept., dated: 04.03.2013. Hence all the disabled categories are allowed to apply.
- 4.7. 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.
- 4.8. 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.
- 4.9. Evaluation of various physical disabilities and procedure for certification will be as per the 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.
- 4.10. 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 (Tahsildar) 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, if he / she is 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: RESERVATION TO LOCAL CANDIDATES:

- 5.1. The specification of a post is determined by the concerned Department with reference to both vertical and horizontal reservations as well as local reservation. The reservations are specified through the indent by the concerned department and the general criteria with regard to reservations are given below.
- 5.2. Reservation to the Local candidates is applicable as provided in Article 371-D as per G.O.Ms.No.674, G.A (SPF- A) Department, dated.20.10.1975 and rules as amended from time to time and as in force on the date of notification. The candidates claiming reservation as Local candidates should obtain the required Study Certificate(s) (from IV Class to X Class or SSC) OR Residence Certificate in the proforma prescribed for those candidates who have not studied in any Educational Institutions as the case may be. The relevant certificates with authorized signature shall be produced as and when required.

PARA -6 DEFINITION OF LOCAL CANDIDATE:

- 6.1. A local candidate has been defined in G.O.Ms.No.674, General Administration (SPF-A) Department, dated:20.10.1975 "LOCAL CANDIDATE" as follows:

"Local Candidate:- (1) A candidate for direct recruitment to any post shall be regarded as a local candidate in relation to a local area.

(a) in cases where a minimum educational qualification has been prescribed for recruitment to the post.

(i) "if he /she has studied in an educational institution or educational institutions in such local area for a period of not less than four consecutive academic years ending with the academic year in which he /she appeared or, as the case may be, first appeared for the relevant qualifying examination; or

(ii) where during the whole or any part of the four consecutive academic years ending with the academic year in which he /she appeared or as the case may be, first appeared for the relevant qualifying examination he/she has not studied in any educational institution, if he /she has resided in that local area for a period of not less than four years immediately preceding the date of commencement of the qualifying examination in which he /she appeared or as the case may be, first appeared.

(b) In cases where no minimum educational qualification has been prescribed for recruitment to the post, if he/she has resided in that local area for a period of not less than four years immediately preceding the date on which the post is notified for recruitment.

Explanations:- For the purpose of the paragraph.

(i) educational institution means a University or any educational institution recognized by the State Government, a University or other competent authority;

(ii) relevant qualifying examination in relation to a post means;

(a) the examination, a pass in which the minimum educational qualification is prescribed for the post;

(b) the Matriculation examination or an examination declared by the State Government to be equivalent to the Matriculation examination;

whichever is lower; and

(iii) In reckoning the consecutive academic years during which a candidate has studied, any period of interruption of his /her study by reason of his /her failure to pass any examination shall be disregarded.

(iv) the question whether any candidate for direct recruitment to any post has resided in any local area shall be determined with reference to the places where the candidate actually resided and not with reference to the residence of his /her parents or other guardian (Vide G.O.Ms.No.168, G.A. (SPF.A) Dept., dt.10-3-77).

(2) A candidate for direct recruitment to any post who is not regarded as a local candidate under sub paragraph (1) in relation to any local area shall.

(a) in cases where a minimum educational qualification has been prescribed for recruitment to the post.

(i) if he /she has studied in educational institutions in the State for a period of not less than seven consecutive academic years ending with academic year in which he /she appeared or as the case may be, first appeared for the relevant qualifying examination, be regarded as a local candidate in relation to

(1) Such local area where he /she has studied for the maximum period out of the said period of seven years; or

(2) where the periods of his /her study in two or more local areas are equal, such local areas where he /she has studied last in such equal periods;

(ii) if during the whole or any part of the seven consecutive academic years ending with the academic years in which he /she appeared or as the case may be first appeared for the relevant qualifying examination, he/she has not studied in the educational institutions in any local area, but has resided in the State during the whole of the said period of seven years, be regarded as a local candidate in relation to

(1) such local area where he /she has resided for a maximum period out of the said period of seven years: or

(2) where the periods of his/her residence in two or more local areas are equal, such local areas where he /she has resided last in such equal periods;

(b) In cases where no minimum educational qualification has been prescribed for recruitment to the post, if he/she has resided in the State for a period of not less than seven years immediately preceding the date on which the post is notified for recruitment, be regarded as a local candidate in relation to

(i) such local area where he /she has resided for the maximum period out of the said period of seven years; or

(ii) where the periods of his /her residence in two or more local areas are equal such local area where he/she has resided last in such equal periods ” .

(G.O.Ms.No.168, dated 10-3-1977)

6.2. Single certificate, whether of study or residence as stipulated in G.O.Ms.No.674, General Administration (SPF-A) Dept., dated:20.10.1975 would suffice for enabling the candidate to apply as a "LOCAL CANDIDATE".

6.3. Residence certificate will not be accepted, if a candidate has studied in any Educational Institution upto S.S.C. or equivalent examination. Such candidates have to produce study certificates invariably. The candidates, who acquired degree from open Universities directly without studying in any Educational Institution, only may submit residence certificate. Here Educational Institutions mean a recognized Institution by the Government / University/Competent authority.

6.4. Candidates are advised to refer provisions of the PRESIDENTIAL ORDER 1975 in this regard.

6.5. Candidates who migrated from Telangana to Andhra Pradesh between 2nd June, 2014 and 1st June, 2021 as per G.O.Ms.No. 130, General Administration (SPF&MC) Department, dated.29.10.2019 and as per terms laid down in circular memo no.4136/SPF & MC/2015-5, Dated.20.11.2017 of Government of Andhra Pradesh shall obtain the Local Status Certificate from competent authority and produce at the time of verification.

6.6. The composition of Districts in each zone is as hereunder:

Zone-I: Srikakulam, Vizianagaram and Visakhapatnam. (SKM, VZM,VSP,)

Zone-II: East Godavari, West Godavari and Krishna. (EG, WG, KST)

Zone-III: Guntur, Prakasam and Nellore. (GNT, PKM, NLR)

Zone-IV: Chittoor, Kadapa, Anantapur and Kurnool. (CTR, CDP, ATP, KNL)

The candidates belongs to other States are not entitled for local Reservations.

6.7. **For Post Code Nos. 06 & 09 local reservations are not applicable as this post is State wide cadre.**

6.8. **Post Code No.02 is Multi Zone Post. (MZ-I is comprising the districts of Andhra Pradesh (all 13 Districts)).**

6.9. **Post Code No.08 is Multi Zone Post.**

The composition of Districts in each Multi -zone is as hereunder:

Multi- Zone-I: Srikakulam, Vizianagaram and Visakhapatnam (SKM, VZM,VSP) East Godavari, West Godavari and Krishna (EG, WG, KST)

Multi-Zone-II: Guntur, Prakasam and Nellore (GNT, PKM, NLR) Chittoor, Kadapa, Anantapur and Kurnool (CTR, CDP, ATP, KNL)

PARA- 7 AGE:

7.1. Minimum 18 years & Maximum 42 years as on 01/07/2022, as per G.O.Ms.No.105, GA(Ser-A) Dept., Dt.27.09.2021.

N.B.: No person shall be eligible if less than 18 years and is more than 42 years.

For P.C.No:02 The lower age limit 25 years, upper age limit 42 years

7.2. Age Relaxation is applicable to the categories as detailed below

S. No.	Category of candidates	Relaxation of age permissible
1 (a).	SC, ST, BCs and EWS	5Years
*1 (b)	For SC/ST CF. vacancies (Limited)	10 Years
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.

Note: The SC/ST Candidates who availed 10 years of age relaxation **are not eligible for SC/ST fresh vacancies.**

PARA - 8 HOW TO APPLY:

STEP-I: The applicant 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 in 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, Post preferences, 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 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 application will be enabled after the last date of the submission of application and will be allowed upto 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 - 9: (a) FEE:

9.1. Applicant must pay Rs. 250/- (Rupees Two Hundred and Fifty Only) towards application processing fee and Rs 80/- (Rupees Eighty 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 post separately.

9.2. However, the following categories of candidates are exempted from payment of examination fee Rs.80/- only.

- i) SC, ST, & BC, PH & Ex-servicemen
- 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.
(a) Applicants belonging to the categories mentioned above hailing from other States are not entitled for exemption from payment of fee and not entitled for claiming any kind of reservation.
- iv) Candidates belonging to other States shall pay the prescribed fee of Rs.80/-(Rupees Eighty 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.

9.3. 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-10: SCHEME OF EXAMINATION:-

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

PARA - 11: CENTRES FOR THE ON-LINE 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 -12 RESOLUTION OF DISPUTES RELATED TO QUESTION PAPER, ANSWER KEY AND OTHER MATTERS

- 12.1. 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.
- 12.2. 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.
- 12.3. 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.
- 12.4. **For post code 01, 02, 06 & 08 :** The question paper is set in English and translated in to Telugu language. English version will be considered as the authentic version for valuation purpose.

For post code 03, 04, 05, 07 & 09: The medium of Examination will be **English only**.

PARA -13 NOTE ON IMPORTANT LEGAL PROVISIONS GOVERNING THE RECRUITMENT PROCESS:

- 13.1. 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.
- 13.2. 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 terms of **P.C.No.01:** G.O.Ms.No.459, Health Medical & Family Welfare (L1) dept., dated: 08.09.1994 and G.O.Ms.No.338, Health Medical & Family Welfare (L1) dept., dated:26.08.1996 & D.O. Letter RC.No:4734/e3/2008-2012, Dt:20/04/2012 and department special Rules, **P.C.No.02:** G.O.Ms.No:63, Women Development Child Welfare and Disabled Welfare (CL) Department , Dt:26/08/1999), G.O.Ms.No:12, Women Development Child Welfare and Disabled Welfare (JJ) Department,Dt:12/05/2008, **P.C.No.03:** G.O.Ms.No:357, Irrigation and CAD(CAD ser.I) Dept., Dt:04/12/1992, **P.C.No.04:** G.O.Ms.No:131, Animal Husbandry and Fisheries (Fish. I)Department, Dt:30/06/1993 , GO.Ms.No:88, Animal Husbandry , Dairy Development and Fisheries (Fish .I)Department ,Dt:08/09/1999 and G.O.Ms.No:316, Food Agriculture (Fish. I)Department , Dt:09/04/1991, **P.C.No.05:** G.O.Ms.No:568, Housing , Municipal Administration and Urban Devolvment Department, Dt:23/05/1981 , G.O.Ms.No:255, Housing , Municipal Administration and Urban Devolvment (B2) Department , Dt:17/05/1994 and G.O.Ms.No:346, Municipal Administration and Urban Devolvment (B2) Department , Dt:20/07/2013, **P.C.No.06:** GO.OMs.No:174, Law Department , Dt:12/10/1995, GO.Ms.No:741, General Administration (GenI) Department, Dt:23/12/2008 , **P.C.No.07:** G.O.Ms.No:187, Industries and Commerce (IE) Department , dt:29/04/1993 , G.O.Ms.No:225, Industries & Commerce (IE) Department , Dt:22/11/1996, **P.C.No.08:** G.O.Ms.No:341, Industries and Commerce (M.1)Department ,Dt:10/12/2007 , G.O.Ms.No:59, Industries and Commerce (M.1)Department ,Dt:10/03/1998 , G.O.Ms.No:205, Industries and Commerce (M.1)Department ,Dt:22/06/1999 **P.C.No.09:** Food Safety Standard Rules :2011 G.O.Ms.No.165, Health, Medical and Family Welfare (H1) Department , dated:26.10.2017, G.O.Ms.No.162, Finance (HR-II) Department, dated:13.09.2017, D.O.Letter No.687984/HRDPDP/23/HR-I/2018, dt:04.02.2019, Govt., Memo No:457271/H1 / 2017-3, HM & FW Department, dt:11/05/2018, and Special Rules / Adhoc Rules Governing the recruitment and other related GOs, Rules etc., are applicable.

- 13.3. 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.
- 13.4. 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.
- 13.5. Zonal/Local: In terms of Para 4 of the G.O., A.P. Public Employment (Organization of Local Cadres and Regulation of Direct Recruitment) Order, 1975 (G.O.Ms.No.674, G.A. (SPF-A) Dept., dated: 20/10/1975) read with G.O.Ms.No.124, General Administration (SPF-A) Department, dated: 07/03/2002, Memo No.42005/Ser.D/2002-1 dated 28.08.2002, "the provisional list shall be divided into two parts. The first part shall comprise 30% of the posts consisting of combined merit lists of locals as well as non-locals and the remaining second part shall comprise the balance 70% of the posts consisting of locals only and the posts shall be filled duly following the rule of reservation for **Post Code Nos. 01, 02, 03, 04, 05, 07 & 08** .
Note:
1. **For Post Code No.06 & 09** local reservations is not applicable as these posts are **state cadre**.
2. **For Post Code No.02 & 08 local reservation is** applicable as these posts are **Multi Zonal Posts**.
- 13.6. Scheme is prescribed as per G.O.Ms.No.141, Finance (HR.1 & Planning and Policy) Dept., dated: 01.08.2016 and 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.
- 13.7. 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.
- 13.8. 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.
- 13.9. The Degrees obtained through Open Universities / Distance Education mode must have recognition by the Distance Education Council, Government of India. Unless such Degrees have been recognized by the D.E.C. they will not be accepted for purpose of Educational Qualification. The onus, in case of doubt, of Proof of recognition by the D.E.C. that their Degrees / Universities have been recognized, rests with the candidate. Candidates may also refer to G.O.R.T.No.143, Higher Education (EC) Dept., Dated:11.07.2018 and the Supreme Court judgment dated:03.11.2017 in this connection.

PARA- 14 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-15: PROCEDURE OF SELECTION:

- 15.1. The selection to this recruitment notification will be based on the Merit in the 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.
- 15.2. 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.
- 15.3. 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 on aggregate 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 and amendments from time to time.

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.

- 15.4. 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 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.
- 15.5. 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.
- 15.6. 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.
- 15.7. While the Commission calls for preference of candidates in respect of zones/Multi Zone etc., in the application form, it is hereby clarified that the said preferences are only indicative for being considered to the extent possible but not binding or limiting the Commission's powers under Article 315 and 320 of the Constitution of India. Therefore, the Commission has the power to assign a candidate to any of the notified posts for which he/she is considered to be qualified and eligible, subject to fulfilling the selection criterion. Mere claim of preference for any Zone/Multi Zone for allotment against vacancy does not confer a right to selection for that Zone/Multi Zone in particular or any Zone/Multi Zone in general.
- 15.8. 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.
- 15.9. ANSWER KEY AND MARKS: Answer key would be published on the website. No separate memorandum of marks would be issued.

PARA-16: DEBARMENT:

- 16.1. 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.
- 16.2. 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.
- 16.3. 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.

16.4. 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.

16.5. **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-17: 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 or withdraw the notification at any time 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**NOTIFICATION NO.11/2022****CF VACANCIES****P.C.No.01: SAMPLE TAKER IN A.P. PREVENTIVE MEDICINE, PUBLIC HEALTH LABS & FOOD (HEALTH) SUB-SERVICE**

CATEGORY	ZONE-1				ZONE-3				TOTAL				GRAND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	G	W	G	W	
OC	-	-	-	01	-	-	-	-	-	-	-	01	01
SC	-	-	-	01	-	-	-	01	-	-	-	02	02
TOTAL	-	-	-	02	-	-	-	01	-	-	-	03	03

P.C.NO.02: DISTRICT PROBATION OFFICER, GRADE -II IN A.P.JUVENILE WELFARE CORRECTIONAL SUB SERVICE**MULTI ZONE - I**

(MZ-I is comprising the districts of Andhra Pradesh (all 13 Districts)).

CATEGORY	Non Local		Local		TOTAL
	G	W	G	W	
OH	-	-	01*	-	1

Note: As per G.O.Ms.No.99, General Administration (Ser-D) Dept, dated. 04/03/2013, if no candidate is available for the said 01* OH C.F Vacancy, interchanging procedure would be followed. Hence, the candidates of all disabled categories and other than disabled persons are allowed to apply.

P.C.No.03 TECHNICAL ASSISTANT (GEOPHYSICS) IN A.P. GROUND WATER SUB-SERVICE

CATEGORY	ZONE- 4				TOTAL
	OPEN ZONE		LOCAL		
	G	W	G	W	
BC-B	-	-	01	-	01
SC	-	-	-	02	02
ST	-	-	-	01	01
TOTAL	-	-	01	03	04

Note1: If eligible candidates are not available for the above said vacancies interchanging procedure would be followed as per Rule 22(h)(ii) of AP State and Subordinate Service Rules-1996 issued in G.O.Ms.No.436 GA(Ser-D) Dept., dt: 15/10/1996. Hence all categories of BC candidates for Local to Zone-IV can also apply.

Note2: If qualified candidates belongs to SC(W)L / ST(W)L category in Zone-IV are not available, the vacancy will be filled by interchanging procedure between these categories as per above said G.O.

P.C.No.04 ASSISTANT INSPECTOR OF FISHERIES IN A.P. FISHERIES SUB - SERVICE

CATEGORY	ZONE-1				ZONE-2				TOTAL				GRAND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	G	W	G	W	
BC-A	-	-	-	-	-	-	-	01	-	-	-	01	01
BC-C	-	-	01	-	-	-	-	-	-	-	01	-	01
BC-E	-	-	-	-	-	-	01	-	-	-	01	-	01
TOTAL	-	-	01	-	-	-	01	01	-	-	02	01	03

P.C.No.05 TOWN PLANNING & BUILDING OVERSEER IN A.P. TOWN AND COUNTRY PLANNING SUBORDINATE SERVICE

CATEGORY	ZONE-II				TOTAL
	OPEN ZONE		LOCAL		
	G	W	G	W	
OC	01	-	-	-	01
BC-D	-	-	01	-	01
Total	01	-	01	-	02

P.C.No.06 JUNIOR TRANSLATOR (TELUGU) IN A.P.TRANSLATION SUBORDINATE SERVICE

STATE WIDE POST

CATEGORY	CF Vacancies		Total
	G	W	
SC	-	01	01
TOTAL	-	01	01

P.C.No.07 INDUSTRIAL PROMOTION OFFICERS IN AP INDUSTRIES SUB – ORDINATE SERVICE

CATEGORY	ZONE - 1				ZONE-II				ZONE-III				ZONE-IV				TOTAL				GROUND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	
OC	-	-	-	01	-	-	-	02	-	-	-	-	01	-	02	-	01	-	02	03	06
BC-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	01	-	-	-	01	-	01
ST	-	-	-	-	-	-	-	-	01	-	-	-	-	-	-	-	01	-	-	-	01
TOTAL	-	-	-	01	-	-	-	02	01	-	-	-	01	-	03	-	02	-	03	03	08

P.C.NO.08: TECHNICAL ASSISTANT IN A.P.MINES & GEOLOGY SUB SERVICE MULTI ZONE-II

CATEGORY	CF Vacancies		Total
	G	W(LOCAL)	
OC	-	02	02
BC-A	-	01*	01
BC-E	-	01*	01
TOTAL	-	04	04

Note: If eligible candidates are not available for the above said vacancies interchanging procedure would be followed as per Rule 22(h)(ii) of AP State and Subordinate Service Rules-1996 issued in G.O.Ms.No.436 GA(Ser-D) Dept., dt: 15/10/1996. Hence all categories of BC(W) candidates belonging to Multi Zone - II (Local) can also apply.

FRESH VACANCIES

P.C.No.01: SAMPLE TAKER IN A.P. PREVENTIVE MEDICINE, PUBLIC HEALTH LABS & FOOD (HEALTH) SUB-SERVICE

CATEGORY	ZONE-1				ZONE-2				ZONE-3				ZONE- 4				TOTAL				GRAND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	
OC	-	-	01	-	-	01	-	-	01	-	01	-	-	-	01	-	01	01	03	-	05
BC-A	-	-	-	-	-	-	-	-	-	-	-	01	-	-	-	01	-	-	-	02	02
SC	-	-	-	-	-	-	-	01	-	-	-	-	-	01	-	-	-	01	-	01	02
TOTAL	-	-	01	-	-	01	-	01	01	-	01	01	-	01	01	01	01	02	03	03	09

P.C.NO.02: DISTRICT PROBATION OFFICER, GRADE -II IN A.P.JUVENILE WELFARE CORRECTIONAL SUB SERVICE

MULTI ZONE –I

(MZ-I is comprising the districts of Andhra Pradesh (all 13 Districts)).

CATEGORY	Non Local		Local		TOTAL
	G	W	G	W	
OC	-	01	-	-	01
BC-B	-	-	01	-	01
TOTAL					02

P.C.No.09 FOOD SAFETY OFFICER IN A.P. INSTITUTE OF PREVENTIVE MEDICINE, PUBLIC HEALTH LABORATORIES AND FOOD (HEALTH) ADMINISTRATIONSUBORDINATE SERVICE

CATEGORY	STATE WIDE VACANCIES		TOTAL
	G	W	
OC	01	02	03
BC-A	01	-	01
SC	01	-	01
ST	01	-	01
PH(HH)	01	-	01
EWS	01	-	01
TOTAL	06	02	08

ANNEXURE – II**NOTIFICATION NO. 11/2022****SCHEME AND SYLLABUS****PC.NO:01 SAMPLE TAKER IN A.P. INSTITUTE OF PREVENTIVE MEDICINE, PUBLIC HEALTH
LABS & FOOD (HEALTH) ADMINISTRATION SUB-SERVICES
SCHEME OF THE EXAMINATION**

WRITTEN EXAMINATION (Objective Type)				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability (SSC Standard)	150	150	150
Paper - II	Concerned Subject (Sanitary Course)	150	150	150
Total				300
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 1/3 rd of the marks prescribed for the question in all Objective type papers.				

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.

PAPER - II**I. FOOD & NUTRITION**

1. Introduction to Nutrition, Health & Disease.
Classification and function of food –
Body building
Energy yielding
Protective food
2. Nutrient: Carbohydrates, Proteins, fats, Vitamins, & Minerals, function, source and dietary requirement of each. Nutritive value of different locally available foodstuffs. Cereals, Pulse, Fats & Nuts, Vegetables, Milk, Sugar, Fruits, Eggs, Meat & Fish. Condiments, Spices, Beverages.
3. Balanced Diet: Definition, factors to be considered on planning meals. Nutritional requirements of special groups. Prescription of diet Menu for Hypertensive persons, Nephritis patients, Diabetic patients, Heart patients. Malnutrition : Causes of Malnutrition, Precaution for malnutrition.

4. Preparation & Preservation of food. General principles of refrigeration of food. Preservation of food-household method. Inspection of cooked food / food ingredients household & commercial.

5. Cultural factors on Nutrition.

6. Introduction to Nutrition and its importance.

7. Dietary survey

II. ENVIRONMENTAL SANITATION:

1. WATER:

Sources of water, various uses of water and its need. Physical, chemical and biological standard for potable water. Sources and nature of pollution of water. Process of purification of water in large scale and small scale. Process of disinfections of water in large and small scale, provisions for sanitary wells and tube wells, plumbing system and its maintenance. Water supply and storage system at the community and domestic level.

2. AIR:

Composition of air, sources of air pollution and nature of pollutants, estimation of level of pollutants. Process air purification and disinfections. Green house effect, types of ventilation, thermal comfort, air temperature, humidity, radiation, evaporation and their measurements.

3. SOLID WASTE DISPOSAL:

Classification of solid waste in the community. Polluting affects of different types of solid waste, system of collection of solid waste from the houses and street, sanitary transportation of solid waste, sanitary process of disposal of solid waste such as composting, sanitary land filling, incineration.

4. LIQUID WASTE DISPOSAL:

Classification of liquid waste, Physical, Chemical and bacteriological quality of different types of liquid waste. Health hazard related to accumulation of liquid waste or in sanitary drainage system. Construction and maintenance of sanitary sewerage system. Use of different types of traps, pollution of water sources from sewerage and its disinfection.

5. NIGHT SOIL DISPOSAL :

Prevalent practices of defecation and its effect on community health, different types of latrines in use. Principles of construction of sanitary latrines and their use, especially berg hole, dug well, RCA and septic tank latrine. Common causes of non-use of latrines and process of disinfections of the latrines. Sanitation of the trenching ground and its maintenance. Effect of sewage on the eco-system especially in the aquatic life process. Methods and process of treatment of sewage and various types of treatment plants. Methods of disinfections of sewage. Sanitary practices of sewage farming.

6. BURIAL AND CREMATION GROUND AND MASS CASUALTY DISPOSAL :

Traditional practices of disposal of dead bodies of various sects. Health hazards associated with the Un-sanitary disposal of dead bodies. Enforcement of legal provisions for disposal of dead bodies and maintenance of their records.

7. SOIL SANITATION :

Types of soil, water retention properties of different types of soil, natural drainage of soil, sources of pollution of soil, health hazards associated with soil, pollution, prevention of soil pollution and treatment of soil. Study on insecticides, pesticides and disinfections. Sterilisation & disinfections of different articles. Various spraying equipments. Uses of rodenticides & larvaecidals.

8. HOUSING :

Requisites of satisfactory and safe housing, sanitary standards for construction of houses and provision of utility services. Assessment of overcrowding.

9. SANITATION MEASURES IN FAIRS, FESTIVALS AND NATURAL CALAMITIES – MASS CASUALTY DISPOSAL :

Sanitary problems associated with human gatherings and temporary settlements. Sanitary problems associated with natural calamities, common health problems in unsanitary state of fair, festival, human gathering, planning and anticipatory extra sanitary measures in fairs, festivals and temporary settlements and natural calamities. Alternate emergency sanitary provisions to prevent sanitation crisis for food, housing, water supply, lighting, disposal of community waste and prevention of outbreak of epidemics.

III. COMMUNICABLE AND NON-COMMUNICABLE DISEASES (PREVENTION AND CONTROL)

1. **COMMUNICABLE DISEASES** : Introduction, Terminology. Modes of disease transmission, general measures for prevention & control of communicable diseases. Role of Health Worker.

2. **IMMUNITY & IMMUNISATION** : Purpose, types & effects. National Immunisation schedule for prevention of major communicable diseases – BCG, DTP, Polio, Measles & Typhoid Vaccines.

3. **DISINFECTION & STERILISATION**: Effective disinfection by liquid chemical agents like Halogen, Potassium permanganate solution etc. Solid chemical agent – Bleaching powder, Lime etc.

4. **NON-COMMUNICABLE DISEASES** : Diagnosis & prevention.

5. **PERSONAL HYGIENE** : Factors influencing health & hygiene. Health habits & practice. Maintenance of normal circulation, respiration, digestion etc. Skin care cleanliness. Dental care. Care of hands, hand washing. Exercises-importance. Food values. Nutrition.

6. **FIRST AID** : Treatment of common ailments.

IV. HEALTH AND DEATH STATISTICS

1. **HEALTH STATISTICS**: Basic knowledge of statistics, mean, median, mode, standard deviations. Sampling procedure Tabulation of Data Histogram, Ogive, Pie Chart, Bar chart.

2. DEMOGRAPHY AND HEALTH SURVEY

a. Registration of birth, death and mortality.

b. Immunization process

3. **PUBLIC HEALTH ACTS**: Indian Epidemic Diseases Act. Purification of Air and Water Pollution Acts. Prevention of Food Adulteration act. Birth and Death Registration Act. N T P Act. Suppression of Immoral Traffic Act (SITA) . Municipal and local body Acts related to housing, sanitation etc. Factory Act and Employer's State Insurance Act.

4. PUBLIC HEALTH ADMINISTRATION:

a. Organisation of National Health Care services.

b. System of National Health Care Services Sub-Centre –

c. Primary Health Care

d. Community Health Care

e. Specialized Health Institutions

Operational aspects of National Health Programs –

f. Family Welfare Program

g. Maternity & Child Health Services

h. National Malaria Eradication Program.

i. National Filaria Control Program

j. National Leprosy Program

k. Diarrheal Disease Control program

l. STD Central Program

m. Goiter Control Program

n. Blindness Control Program

o. Universal Immunization Program

5. **BEHAVIOURAL SCIENCE**: Factors influencing human behavior. Change of behavioral pattern in different age groups. Interpersonal relations and defence mechanism. Learning and motivation process in behavior. Special groups & family structure. Social Process and control.

6. **HEALTH EDUCATION**: Elements of communication system and process. Use of audio visual aids and media. Teaching and Learning process. Planning Health Education activities.

Health Education through personal contact, group meetings and indirect approaches.

AIDS prevention

**P.C.No.02: DISTRICT PROBATION OFFICER (GRADE – II) IN A.P. JUVENILE WELFARE
CORRECTIONAL SUB-SERVICE**

SCHEME OF THE EXAMINATION			
WRITTEN EXAMINATION (OBJECTIVE TYPE)			
Name of the Paper	Maximum Marks	No. of Questions	Duration in Minutes
Paper – I : General Studies & Mental Ability	150	150	150
Paper – II : (Subject). Social Work and Criminology /Psychology.	150	150	150
Total	300	--	--

SYLLABUS OF THE EXAMINATION

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 it 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.
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.

PAPER – 2 : SOCIAL WORK AND CRIMINOLOGY

Unit I: Definition and Scope of Social Work – Social Work Values and Ethics – Social Work Practice in India.

Unit II: Criminology: Meaning, Concept, scope and extent – Deviance – Definition, Concept and Scope –Crime–Definition, Concept, Scope and Characteristics.

Unit III: Form of Crime; Crime in India – Patterns and trends – Punishment – Definition, Nature and Types – Corporal and Capital – Prison as a community - Prison Programmes and reforms.

Unit IV: Administrative functions, programmes and limitations of open prisons, Borstal schools, certified schools, reformatory schools, remand homes observation homes, juvenile Homes and special home.

Unit V: Criminal Justice system: Courts and Correctional administration - Probation and Parole Origin, nature, process and practice of Probation and Parole in India – role of Probation Officer in correctional setting.

PSYCHOLOGY

1. **Introduction to Psychology:** Concept and definition of psychology – Nature and Scope – Branches of psychology – Application of psychology to society and social problems.
2. **Methods in Psychology:** Characteristics of psychological studies, Observation, Survey method, Clinical and case study method. Experimental method. Application of the method.
3. **Quantitative Analysis:** Measures of central tendency and dispersion. Correlation. Levels of measurement. Reliability and validity. Application in test construction.
4. **Physiological Psychology:** Structure of neuron, nerve impulses, synapse and neurotransmitters. Central and peripheral nervous system-structure and neural control of behavior. Hemispheric specialization. Endocrine system and hormonal control of behavior. Application of hemispheric knowledge to diagnostic purposes.
5. **Development of human behavior:** Individual Differences; Heredity and environment;. Life span development. Role of early experience and mastering developmental tasks. Sensitive or critical periods of development in human life cycle and its application.
6. **Perception:** Perceptual process. Perceptual organization. Perceptual of form, color, depth and time. Perceptual readiness and constancy. Role of motivation, social and cultural factors in Perception. Application of knowledge of Perception to skill development (e.g. for certain jobs like that of driving, airline pilots etc.)
7. **Learning:** Classical conditioning and operant conditioning. Modeling and observational learning. Transfer of training. Learning and motivation. Application of the above to the improvement of academic performance in education.
8. **Memory:** Physiological basis of memory. Memory and forgetting. Measurement of memory (Recall, Recognition, Relearning). Short term and long term memory. Theories of forgetting (Decay and interference theories and Repressive forgetting) Application of Mnemonic devices etc., to improving memory.
9. **Cognition and Language:** Concept of formation. Nature and development of thinking. Language and thought and acquisition of language. Problem solving. Creative thinking and its applications.
10. **Intelligence and Aptitude:** Definition and concept. Theories and models of Intelligence. Measurement of intelligence and aptitude. Exceptional intelligence. Mental retardation. Concepts of multiple, emotional and artificial intelligence and their applications.
11. **Motivation and Emotion:** Definition and concept. of instinct, needs, drives and motives. Theories of motivation and their application (drive reduction theory, Maslow's motivational hierarchy). Social motivation; Achievement, power, affiliation motives and influence of early experiences. Physiological basis of emotion. Theories of emotion) James-Lange and Cannon-Brad theories, cognitive physiological theory).
12. **Personality:** Concepts and Definition of personality. Study of personality (Trait, type and eclectic approaches) Development of personality (Freud, Erikson, Biological and socio-cultural determinants). Measurement of Personality (Projective tests, pencil-paper tests). Application of personality profiles in fitting a person to a job.
13. **Adjustment and Stress:** Concept and definition. Factors affecting adjustment (frustration and conflict). Sources of stress and reactions to stress. Coping with stress. Application of stress management techniques.

14. **Social Behaviour:** Socio-cultural factors and behaviour. Development of attitudes, stereotypes and prejudice, Measurement of Attitudes (Thurstone, Likert attitude scale and Bogardus Social Distance scale). Strategies for reducing prejudice and changing attitude. Person perception, implicit personality theory and integrating impressions. Application of person perception to impression management.

Application of Psychology: Health and mental health (yoga, meditation and relaxation therapies). Education (programmed learning; self instructional learning and learning styles). Community (self help through group cohesiveness and leadership). Industry (Assessment centre approach in selection, recruitment and training). Environment (man-nature interaction, personal space concept, pollution reduction information technology (Application to commercial, educational and health areas).

P.C.No.03 TECHNICAL ASSISTANT (GEOPHYSICS) IN A.P.GROUND WATER SUB SERVICE

SCHEME OF THE EXAMINATION

WRITTEN EXAMINATION (OBJECTIVE) Degree Standard				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability	150	150	150
Paper - II	Geophysics	150	150	150
Total				300
N.B: 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 1/3 rd of the marks prescribed for the question in all Objective type papers.				

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 it 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.
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.

PAPER-2: GEOPHYSICS

BASICS : Occurrence of water in different forms, water cycle and water balance and factors contributing to the distortion of water balance.

Geo-Hydrology: Concepts of Geo-Hydrology and Hydro-Geology, Ground Water Aquifers – Definition of aquifer, aquiclude, aquited and aquifuge, concepts of confined, unconfined

and leaky aquifers – Water bearing properties of aquifers – Storage properties – Definition of porosity, specific yield, specific retention factors influencing porosity of rocks – Determining porosity of rocks in field and in laboratory. Definition of permeability, transmissivity and storage coefficients – Ground Water Movement - Darcy's Law, distribution and concurrence of ground water. Dependency of ground water quality and yield on the recharge, Lithology and structural features. Ground water in hard rock, soft rock and coastal aquifers – Application of geological, geochemical and remote sensing methods in ground water exploration.

PRINCIPLES OF GEOPHYSICAL PROSPECTING OF GROUND WATER: Physical properties of rocks and ground water – Electrical resistivity, polarisability, dielectric permeability, thermal conductivity, density, magnetic susceptibility, elastic modulus and wave velocities in different media. Effect of porosity, mineral composition grain size, packing, temperature and pressure conditions water content, salinity etc., of the rocks and saturating fluids on the physical properties of rocks and Electrical resistivity method as employed in ground water problems. Various electrode configurations their applications and merits and demerits – VES and profiling methods – Interpretation – Tracing lateral and vertical boundaries of strata. Determining hydro geological properties of strata from electrical resistivity method – Principles and application of S.P., I.P. and E M methods in solving ground water problems especially in tracing the fracture and joint pattern of rocks.

Electromagnetic frequency sounding and applications – Seismic prospecting methods – Reflection and Refraction and Interpretation of seismic data in ground water problems – Gravity and magnetic methods – their role in ground water exploration, Geothermal methods – principle and application in solving ground water problems – Remote sensing and Airborne geophysical methods for assessing ground water potentialities on regional basis.

GEOPHYSICAL WELL – LOGGING METHODS: Consideration and specification for solving ground water problems. Principles and role of resistivity, S.P. Nuclear and thermal logging methods. Sonic, density and magnetic susceptibility logging for determining formation characters – Geophysical methods in estimating aquifer and reservoir conditions.

APPLICATION OF GEOPHYSICAL METHODS FOR SOLVING HYDROGEOLOGICAL PROBLEMS IN :

- (i) Soft Rock areas – Sedimentary and alluvial
- (ii) Hard Rock Areas – Granites, metamorphics etc
- (iii) Karst areas
- (iv) Coastal areas – Salt water intrusion in fresh water aquifers and their boundary determination
- (v) Prediction of hydraulic properties of granular aquifers
- (vi) Tracing buried river valleys
- (vii) Ground Water reservoir studies
- (viii) Studying valley fill areas.

HYDRODYNAMIC INVESTIGATIONS OF AQUIFERS AND WELLS: Hydro geological parameters of aquifers. Systematic pumping tests in steady and unsteady state conditions and methods of Theis and Jacob and Theis recovery method.

FORMATION DRILLING AND WELL CONSTRUCTION: Types of wells – Dug, Dug-cumbore, shallow bore-wells, Tube Wells and Radial wells, Infiltration Galleries. Their advantages and disadvantages for discharging ground water, Methods of drilling and Percussion and Rotary – their advantages and disadvantages. Well construction-well design, well casing, Grouting and installation of well screens. Development of wells, surging, compressed air, high velocity setting, back washing, Over pumping, well efficiency and maintenance – causes of failure of wells and remedial measures pumps – shallow and deep well, hand pumps, vertical turbine pumps, submersible pumps, centrifugal pumps, jet pumps.

ANALYTICAL STUDY OF GEO-HYDROLOGICAL DATA: Flow nests – Graphical construction, analog simulation, numerical simulation, saturated and unsaturated flow nest and well hydrographs and their analysis. Ground water modeling scope and utility. Types of models – Physical, analog, digital and hybrid models. Advantages and disadvantages; determining norms for safe yield in a basin by various methods. Ground water investigation in environmental and eco-balance studies.

1. Concept of programming languages Computer operating system like MS Dos, MS Windows, Unix.
2. Interpretation of Geophysical data by using computer techniques.
3. Artificial recharge Methods, conservation.
4. Ground Water Management, Ground Water Budget.
5. Ground Water pollution, landfills, waste disposal, Mining, water logging, reclamation – case studies.

6. Geographic Information system related to Ground water.

P.C.NO:4 ASSISTANT INSPECTOR OF FISHERIES IN A.P. FISHERIES SUB-SERVICE

WRITTEN EXAMINATION (OBJECTIVE) Degree Standard				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability	150	150	150
Paper - II	Concerned Subject: Basic Fisheries & Applied Fisheries	150	150	150
Total				300
N.B: 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 1/3 rd of the marks prescribed for the question in all Objective type papers.				

SYLLABUS

PAPER-I: GENERAL STUDIES AND MENTAL ABILITY

Questions: 150

Marks: 150

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.
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
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PAPER-2:

Basic Fisheries & Applied Fisheries

Questions: 150

Marks: 150

Basic Fisheries

1. Aquatic Environment Management
2. Fish Physiology and Biochemistry.
3. Fisheries Extension.
4. Fisheries Economics.
5. Fisheries Resource Management.
6. Seed production of cultivable fin and shell fishes.
7. Aquarium fishes and Aquarium Management.
8. Larval nutrition and culture of fish food organisms.
9. Fish and shell fish physiology and endocrinology.
10. Advances in genetics.
11. Aqua farming systems.

12. Fishing craft and gear.
13. Sustainable Fisheries and aquaculture.
14. Aquatic ecosystems its dynamics.
15. Fresh Water aquaculture, Mari culture and brackish water aquaculture.

Applied Fisheries

16. Aquaculture
17. Aquatic Animal Health.
18. Aquaculture Biotechnology.
19. Fish genetics and Breeding.
20. Fish processing Technology.
21. Fisheries Engineering and Technology.
22. Soil and water quality management in Aquaculture
23. Nutrition and Feed Technology.
24. Advances in Aquaculture production system.
25. Advances in seed production and hatchery management.
26. Applied Biotechnology
27. Marine electronics and communication systems.
28. Application of remote sensing in fisheries.
29. ICT applications in Fisheries.
30. Innovative technologies in fisheries.

P.C.NO: 5 TOWN PLANNING & BUILDING OVERSEERS IN A.P. TOWN AND COUNTRY PLANNING SUB ORDINATE SERVICE

SCHEME OF THE EXAMINATION

WRITTEN EXAMINATION (Objective Type)				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper-1	General studies and Mental Ability (S.S.C standard)	150	150	150
Paper-2	SUBJECT: (Intermediate vocational standard)	150	150	150
Total				300
N.B: 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 1/3 rd of the marks prescribed for the question.				

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 it 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.
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PAPER-2: -Subject:

1. Importance of Lettering and Numbering – Figure Sizes and Proportions IS Standard Practice.
2. Construction of Plain Geometric Figures (Lines Angles, Triangle, Rhombus, Quadrilaterals, Polygon etc) Orthographic Projection- Recommended methods of Projections as per IS code.
3. Construction of Ordinary Scale – Plain, & Comparative Diagonal, Vernier, & Scale of Chords.
4. Drawing Plan and Elevation of Points, Lines, Surfaces & Solids.
5. Conventional Signs and Symbols as per IS Code for Engineering Drawings and Buildings Drawings.
6. Drawing and detailing of (a) Brick arrangements – Various types of Bonds, (b) Stone Masonry & Stone Joints ((c) Foundations – Various types (d) Damp Proof Course & Plinth Protection (e) Roof types – Reinforced Concrete, Madras Terrace & Jack Arch, (f) Flooring types – Timber Flooring, Steel Flooring, Tile Flooring, (g) Arches & Lintels Carpentry Joints, Framing, Paneling and Moulding (h) Doors types – Paneled, Glazed, and Flush Door, (i) Windows & Ventilators (j) Pitched Roof – Various types – King post, & Queen post, (k) Steel Roof Trusses (l) Stairs – Various types – Wooden, Steel and Reinforced Concrete – Spiral, Doglegged & Open Well (m) Single Storied Residential House – Plan, Elevation and Section (n) Cross section showing different types of Roads, Railway Track, Embankment and layout of Platforms (o) Different types of Irrigation Structures (p) Pipelines Joints Drainage Works, Manholes, Sanitary fittings, (q) Forms of Rivet Heads, Types of Riveted Joints, Standard Steel Section, Standard Connections.
7. Surveying of Buildings Sites with Chain, Field Book Entries – Plotting – Calculation of Areas.
8. Use of Prismatic Compass, Handling of Leveling Instrument – Differential Leveling, Surveying of Building Sites with Chain and Level for Calculation of Earth Work. Plotting of Longitudinal/Cross section, Drawing of Contours.

POST CODE NO 06: JUNIOR TRANSLATOR (TELUGU) IN A.P.TRANSLATION SUBORDINATE SERVICE**SCHEME**

WRITTEN EXAMINATION (Degree Standard)				
PAPERS	Subject	No. Of Questions	Duration Minutes	Maximum Marks
PAPER-1	General Studies and Mental Ability (Objective type)	150 Questions	150 Minutes	150 Marks
PAPER-2	Translation (Descriptive type)	--	90 Minutes	150 Marks
Total				300 Marks
N.B: NEGATIVE MARKS: As per G.O. Ms. No.235 Finance (HR-I, Plg & Policy) Dept., Dt.06/12/2016, for each wrong answer will be penalized with 1/3rd of the marks prescribed for the question.				

SYLLABUS
PAPER-I**GENERAL STUDIES AND MENTAL ABILITY****150 Questions****150 Marks**

1. Events of national and international importance.
2. Current affairs- international, national and regional.
3. General Science and it 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.
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 PAPER-II
TRANSLATION

Duration: 90 Minutes

150 Marks

The candidates should translate the given passages from English to Telugu and Telugu to English

POST CODE NO 07: INDUSTRIAL PROMOTION OFFICER IN A.P.INDUSTRIAL SUBORDINATE SERVICE

WRITTEN EXAMINATION (OBJECTIVE TYPE)				
PAPER	Subject	No. Of Questions	Duration Minutes	Maximum Marks
PAPER -I	General Studies & Mental ability (Degree standard)	150	150	150
PAPER -II	Applied Science, Engineering and Management. (Diploma Standard)	150	150	150
Total				300
N.B.1: NEGATIVE MARKS: As per G.O. Ms. No.235 Finance (HR-I, Plg & Policy) Dept., Dt.06/12/2016, for each wrong answer will be penalized with 1/3 rd of the marks prescribed for the question.				

SYLLABUS

PAPER-I

150 Marks

GENERAL STUDIES AND MENTAL ABILITY

1. Events of national and international importance.
2. Current affairs- international, national and regional.
3. General Science and it 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.
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.

PAPER II
APPLIED SCIENCE, ENGINEERING AND MANAGEMENT
(DIPLOMA STANDARD) (150 Marks)

1. MATHEMATICS

1. ARITHMETIC:

- a) Number System-Natural numbers, Integers,
- b) Rational and Real numbers,
- c) Fundamental operations, addition, subtraction, multiplication, division, Square roots, Decimal fractions.
- d) Unitary method-time and distance, time and work, percentages, applications to simple and compound interest, profit and loss, ratio and proportion, variation.
- e) Elementary Number Theory – Division algorithm. Prime and composite numbers. Tests of divisibility by 2, 3,4,5,9 and 11.
- f) Multiples and factors. Factorization theorem. H.C.F. and L.C.M. Euclidean algorithm. Logarithms to base 10, laws of logarithms, use of logarithmic tables.

2. ALGEBRA:

- a) Basic Operations, simple factors, Remainder Theorem, H.C.F., L.C.M.
- b) Theory of polynomials, solutions of quadratic equations, relation between its roots and coefficients (Only real roots to be considered). Simultaneous linear equations in two unknowns – Analytical and Graphical solutions. Simultaneous linear inequations in two variables and their solutions.
- c) Practical problems leading to two simultaneous linear equations or inequations in two variables or quadratic equations in one variable and their solutions.
- d) Set language and set notation, rational expressions and conditional identities, laws of indices.

3. TRIGONOMETRY:

Sine x, Cosine x, Tangent x when $0^\circ < x < 90^\circ$ values of sin x, cos x and tan x, for $x = 0^\circ, 30^\circ, 45^\circ, 60^\circ$ and 90° . Simple trigonometric identities. Use of trigonometric tables. Simple cases of heights and distances.

4. GEOMETRY:

- i) Lines and angles, Plane and plane figures,
- ii) Theorems on
 - a) Properties of angles at a point,
 - b) Parallel lines,
 - c) Sides and angles of a triangle,
 - d) Congruency of triangles,
 - e) Similar triangles,
 - f) Concurrence of medians and altitudes,
 - g) Properties of angles, sides and diagonals of a parallelogram, rectangle and square,
 - h) Circles and its properties including tangents and normals,
 - i) Loci.

5. MENSURATION:

- a) Areas of squares, rectangles, parallelograms, triangle and circle.
- b) Areas of figures which can be split up into the figures (Field Book),
- c) Surface area and volume of cuboids, lateral surface and volume of right circular cones and cylinders, surface area and volume of spheres.

6. STATISTICS:

- a) Collection and tabulation of statistical data,
- b) Graphical representation frequency polygons, histograms, bar charts, pie charts etc.
- c) Measures of central tendency.

2.PHYSICS

1. **Units and Dimensions:**

Introduction, Physical quantity, Fundamental and Derived quantities, Fundamental and Derived units, SI units, Multiples and Sub multiples, Rules for writing S.I. units, Advantages of SI units. Dimensions and Dimensional formulae, Dimensional constants and Dimensionless quantities, Principle of homogeneity, Advantages and limitations of dimensional analysis, Errors in measurement, Absolute error, relative error, percentage error, significant figures, Problems.

2. **Elements of Vectors:**

Scalars and Vectors, Types of vectors (Proper Vector, Null Vector, Unit Vector, Equal, Negative Vector, Like Vectors, Co-Initial Vectors, Co-planar Vectors and Position Vector). Addition of vectors, Representation of vectors, Resolution of vectors, Parallelogram, Triangle and Polygon laws of vectors, Subtraction of vectors, Dot and Cross products of vectors-Problems.

3. **Dynamics**

Introduction-Concept of acceleration due to gravity-Equations of motion for a freely falling body and for a body thrown up vertically- Projectiles- Horizontal and Oblique projections- Expressions for maximum height, time of flight, range-Define force, momentum, angular displacement, angular velocity, angular acceleration, angular momentum, moment of inertia, torque-problems.

4. **Friction:**

Introduction to friction- Causes- Types of friction- Laws of friction- Angle of repose- Angle of friction- rough inclined plane- Advantages and disadvantages of friction- Methods of reducing friction-Problems.

5. **Work, Power and Energy:**

Work, Power and Energy- Definitions and explanation- potential energy- kinetic energy- Derivations of Potential and Kinetic energies-K.E and Momentum relation - Work-Energy theorem- Law of Conservation of energy- Problems.

6. **Simple Harmonic Motion:**

Introduction- Conditions of SHM- Definition- Examples- Expressions for displacement, velocity, acceleration, Time period, frequency and phase in SHM- Time period of a simple pendulum- Laws of simple pendulum-seconds pendulum-Problems.

7. **Heat and Thermodynamics:**

Expansion of Gases, Boyle's law, absolute scale of temperature- Charles laws- Ideal gas equation- Universal gas constant- Differences between gas constant(r) and universal gas constant(R), Isothermal and adiabatic processes, Laws of thermodynamics, Specific heats - molar specific heats of a gas -Different modes of transmission of heat ,laws of thermal conductivity, Coefficient of thermal conductivity-Problems.

8. **Sound:**

Sound- Nature of sound- Types of wave motion -musical sound and noise- Noise pollution – Causes & effects- Methods of reducing noise pollution- Beats- Doppler effect- Echo- Reverberation-Reverberation time-Sabine's formula-Conditions of good auditorium- Problems.

9. **Properties of matter**

Definition of Elasticity –Definition of stress and strain -the units and dimensional formulae for stress and strain - The Hooke's law-Definitions of Modulus of elasticity, Young's modulus(Y), Bulk modulus(K), Rigidity modulus (n), Poisson's ratio (μ), relation between Y, K, n and μ (equations only no derivation). Definition of surface tension- Explanation of Surface tension with reference to molecular theory - Definition of angle of contact -Definition of capillarity -The formula for surface tension based on capillarity - Explanation of concept of Viscosity - Examples for surface tension and Viscosity - Newton's formula for viscous force- Definition of co-efficient of viscosity- The effect of temperature on viscosity of liquids and gases - Poiseuille's equation for Co-efficient of viscosity- The related numerical problems.

10. Electricity & Magnetism:

Ohm's law and explanation, Specific resistance, Kirchhoff's laws, Wheatstone's bridge, Meter bridge, Coulomb's inverse square law, magnetic field, magnetic lines of force, magnetic induction field strength- magnetic induction field strength at a point on the axial line - magnetic induction field strength at a point on the equatorial line-problems.

11. Modern Physics;

Photoelectric effect –Einstein's photoelectric equation-laws of photoelectric effect-photoelectric cell–Applications of photo electric effect- Total internal reflection- fiber optics- -principle and working of an optical fiber-types of optical fibers - Applications of optical fibers- superconductivity–applications-Nanotechnology definition, nanomaterials, applications.

3. CHEMISTRY**1. Fundamentals of Chemistry**

Atomic Structure: Introduction - Fundamental particles – Bohr's theory – Quantum numbers –Aufbau principle - Hund's rule - Pauli's exclusion Principle- Orbitals, shapes of s, p and d orbitals - Electronic configurations of elements

Chemical Bonding: Introduction – types of chemical bonds – Ionic and covalent bond with examples–Properties of Ionic and Covalent compounds- structures of ionic crystals (NaCl and CsCl).

2. Solutions

Introduction of concentration methods – mole concept, molarity and normality – Numerical problems on mole, molarity and normality.

3. Acids and Bases

Introduction – Theories of acids and bases and limitations – Arrhenius theory- Bronsted – Lowry theory – Lewis acid base theory – Ionic product of water- pH related numerical problems–Buffer solutions, action of buffer and its applications.

4. Principles of Metallurgy

Characteristics of Metals and non-metals –Distinguish between Metals and Non-metals, Define the terms i) Metallurgy ii) ore iii) Gangue iv) flux v) Slag - Concentration of Ore – Hand picking, Levigation, Froth floatation – Methods of Extraction of crude Metal – Roasting, Calcination, Smelting – Alloys – Composition and uses of brass, German silver and Nichrome.

5. Electrochemistry

Conductors, semiconductors, insulators, electrolytes and non-electrolytes – electrolysis – Faraday's laws of electrolysis- application of electrolysis (electroplating) -numerical problems on Faraday's laws – Galvanic cell – standard electrode potential – electrochemical series– emf and numerical problems on emf of a cell .

6. Corrosion

Introduction - factors influencing corrosion - composition, stress and concentration cells– rusting of iron and its mechanism – prevention of corrosion by coating methods, cathodic protection methods.

7. Water technology

Introduction–soft and hard water–causes of hardness–types of hardness–disadvantages of hard water – degree of hardness (ppm and mg/lit) – softening methods – permutit process – ion exchange process– qualities of drinking water – Chemistry involved in treatment of water (Coagulation, Chlorination, defluoridation) - Osmosis, Reverse Osmosis–Applications of Reverse osmosis.

8. Polymers

Introduction – polymerization – types of polymerization – addition, condensation with examples – plastics – types of plastics – advantages of plastics over traditional materials- Disadvantages of using plastics – Preparation and uses of the following plastics i) PVC ii) Teflon iii) Polystyrene iv) Nylonn 6,6 –Processing of natural rubber -

Vulcanization – Elastomers- Preparation and applications of Buna-s, Neoprene rubbers.

9. Fuels

Definition and classification of fuels–characteristics of good fuel-composition and uses of gaseous fuels.

10. Chemistry in daily life

Basic composition, applications, health aspects and pollution impacts of soaps and detergents, vinegar, insect repellents, soft drinks, activated charcoal.

11. Environmental studies

Introduction– environment –scope and importance of environmental studies – important terms related to environment– renewable and non-renewable energy sources–Concept of ecosystem – Biotic components –Forest resources – Deforestation –Biodiversity and its threats–Air pollution – causes-effects–Global environmental issues – control measures – Water pollution – causes – effects – control measures.

4.INDUSTRIAL MANAGEMENT

1. Basics of Industrial Management

Introduction: Industry, Commerce and Trade; Definition of management; Functions of management; Principles of scientific management: – F.W.Taylor, Principles of Management: Henry Fayol; Administration organisation and management; Nature of management; levels of management; managerial skills;

2. Organisation Structure & Organisational Behaviour

Organizing - Process of Organizing; Line, Staff and line & staff Organizations, Communication, Motivational Theories; Leadership Models; Decision making, Human resources development; Forms of Business ownerships: Types – Sole proprietorship, Partnership, Joint Stock Companies, Cooperative types of Organizations, Corporations, Boards.

3. Production Management

Definition and importance; Plant location and layout; Types of production -job, batch and mass; production Planning and Control: relation of production department with other departments, routing, scheduling, dispatching and follow up; Break even analysis; Application of CPM and PERT techniques; simple numerical problems;

4. Materials Management

Materials in industry, Basic inventory control model, ABC Analysis, Safety stock, re-order level, Economic ordering quantity, Stores Management: Stores layout, stores equipment, Stores records, purchasing procedures, e-tendering, e-procurement; purchase records, Bin card, Cardex system.

5. Maintenance Management & Industrial Safety

Objectives and importance of plant maintenance, Different types of maintenance, Nature of maintenance problems, Range of maintenance activities, Schedules of preventive maintenance, Advantages of preventive maintenance, 5 S principles; Importance of Safety at work places; Causes of accidents-cost of accidents-prevention- industrial hazards

6. Entrepreneurship Development

Definition of Entrepreneur; Role of Entrepreneur; Concept of Make In India, ZERO defect, Zero Effect, Concept of Start-up Company, Entrepreneurial Development: Role of SSI, MSME, DICs, Entrepreneurial development schemes; Institutional support, financial assistance programmes; Self- employment schemes, Market survey and Demand survey; Preparation of Feasibility study reports

7. New Trends in Management

Introduction to Management Information System (MIS); RFID application in materials management; Total Quality Management (TQM)- Concept of quality discussed by B. Crosby W. Edward, Deming, Joseph M. Juran, Kooru Ishikawa, Genichi Taguchi, Shigco Shingo. Quality systems – Definitions of the terms used in quality systems like, quality policy, quality management, quality systems, Stages of development of ISO9000 series, ISO-14000.

5. INDUSTRIAL ENGINEERING

1. Work Study

Industrial Engineering: Definition of Production and productivity;

Work Study: Definition, objectives and scope of work study.

Method Study: Definition, objectives, procedure of conducting method study –

Process chart symbols – Explanation with Operation process chart, Flow process chart and two handed process charts only - Uses of flow diagram and string diagram.

Micro-motion study: Therbligs used in the micro-motion study - SIMO chart – Chrono cycle graph.

Work Measurement or Time study: Definition, objectives - Work measurement techniques.

Time Study: Procedure by using a stop watch to measure the standard time.

Constituents of standard time: Normal time- rating factor- allowances – Simple Problems. Standard data - Determination of standard time by using Predetermined Motion Time Standards (PMTS) - Determination of standard time by using work sampling.

Wage and incentive plans: Definitions of wage, nominal wage, real wage, living wage, minimum wage, fair wage and incentive- List different incentive plans - Solve simple problems on Halsey, Rowan and Emerson efficiency plans only.

2. Statistical Quality Control (SQC):

The Meaning of Quality - objectives of inspection - methods of inspection – floor or patrolling inspection - centralized inspection –trial run inspection- first piece inspection - pilot piece inspection - sample inspection – merits and demerits of the above -

Statistical Quality Control: Definition - Chance and assignable causes – Quality control tools – Types of statistical data – variables and attributes data – Normal distribution curve; Control Charts for variables data- Construction of Control Charts for X-Bar and R- Charts. Interpretation of control charts to know whether the process is out of control or in control - Simple Numerical Problems.

Control charts for attributes data: Fraction defective (p), percent defective (100p), Number of Defectives (np) charts - Simple Numerical Problems. Acceptance sampling plan – advantages and disadvantages of sampling plan over 100% inspection – Single sampling plan for accepting a lot with a flow chart – Principles of random sampling; Six sigma: Importance – Objectives – advantages.

6.FUNDAMENTALS OF COMPUTER SCIENCE

UNIT I:

A Simple Computer System: Central processing unit, the further need of secondary storage, Types of memory, Hardware, Software and people.

Peripheral Devices: Input, Output and storage, Data Preparation, Factors affecting input, Input devices, Output devices, Secondary devices, Communication between the CPU and Input/ Output devices.

About Virus: Virus, Types of Virus, How Does Virus Affect, Impact of Virus, Virus Detection, Virus Preventive Measures, List of most popular and effective antivirus.

UNIT II:

Problem Solving and Programming: Algorithm development, Flowcharts, Looping, some programming features, Pseudo code, the one-zero game, some structured programming concepts, documents.

Programming Languages: Machine Language and assembly language, high -level and low level languages, Assemblers, Compilers, and Interpreters.

Computer Systems and Development: Investigation, Analysis, Design, system processing and general program design, Presentation to management and users, Implementation, Documents.

UNIT III:

Computer Networks: Introduction to computer Networks, Network topologies-Bus topology, star topology, Ring topology, Mesh topology, Hybrid topology,

Types of Networks: Local area Network, Wide Area Networks, Metropolitan Networks, Campus/ Corporate Area Network, Personal Area Network, Network Devices- Hub, Repeater, Switch, Bridge, Router, Gateway, Network interface Card.

Wireless Networks: Types of wireless networks, security in wireless Networks, Limitations of wireless Networks, Bluetooth – Bluetooth Piconets, Avoiding Interference in Bluetooth Devices, Differences between Bluetooth and Wireless Networks.

UNIT IV:

Operating systems: Introduction, Evolution of operating systems, Process Management-Process control block, Process operations, Process scheduling, Command Interpreter, Popular operating systems-Microsoft DOS, Microsoft Windows, UNIX and Linux.

Internet Applications: Internet as a global network, Search Engine, Online education, Internet utilities – email, online banking, reservations etc.

UNIT V:

Database Systems: File-Oriented Approach, Database-oriented Approach-Components of Database system, Advantages & Disadvantages of Database approach, Applications of Database systems, Database views, Three-schema architecture, Database models-Hierarchical model, Network Model, relational Model, Object-oriented Data Model, Components of database management systems, Retrieving Data through Queries.

E-Governance: What is e-Governance, Concept of e-Governance, Benefits of E-governance.

E-Commerce: What is e commerce, the scope of E commerce, Benefits and limitations of E-Commerce.

P.C.No.08 TECHNICAL ASSISTANT IN A.P. MINES & GEOLOGY SUB SERVICE**SCHEME OF THE EXAMINATION**

WRITTEN EXAMINATION (OBJECTIVE TYPE) Degree Standard				
Paper	Subject	No. Of Questions	Duration Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability	150	150	150
Paper - II	Geology	150	150	150
				300
N.B.: 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 1/3 rd of the marks prescribed for the question in all Objective type papers.				

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.
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.

PAPER-2: GEOLOGY

Part – I

- a) **General Geology:** Solar System. The Earth: its origin, age and internal constitution. Volcanoes-types, distribution geological effects and products. Earth-quakes-intensity, magnitude, distribution, causes and effects. Elementary ideas about isostasy, geosynclines, mountain building, continental drift, sea floor spreading and plate tectonics.
- b) **Geomorphology:** Basic concepts. External and internal processes. Rock weathering. Cycle of erosion. Fluvial landforms and drainage patterns. Landforms of Aeolian, marine, glacial and 'Karst' landscapes. Elements of Remote Sensing.
- c) **Structural and field Geology:** Primary and secondary structures. Dip and strike of beds. Unconformities. Study of folds, joints, faults, foliation and lineations. Overthrusts and nappe structures. Stages of rock deformation. Construction of block diagrams, Stereographic and equal-area nets. Solutions of simple problems by stereographic net. Topographic maps and their interpretation. Use of clinometer compass in the field Measurements of bed, foliation, folds joints, faults and lineations in the field. Principles of geological mapping. Effects of topography on outcrops. Drawing of sections.

Part – II

- a) **Crystallography:** Elements of crystal structure. Laws of crystallography, Symmetry elements of normal classes of seven crystal systems. Properties and interaction of light and crystalline matter. Petrological microscope and accessories. Construction and use of Nicole prism. Pleochroism, double refraction, extinction angle, birefringence and twinning in crystals, Isotropic, uniaxial and biaxial minerals.
- b) **Mineralogy:** Physical, chemical and optical properties of the following common rock forming minerals: quartz, feldspar, mica, pyroxene, amphibole, olivine, garnet, chlorite, carbonates, aluminosilicates. Structure of silicates and crystal chemistry of minerals. Gemstones.
- c) **Economic Geology:** Ore, ore mineral and gangue. Classification of ore deposits. Important processes of their formation. Occurrence, origin and distribution in India of the ores of aluminium, chromium, copper, gold, lead, zinc, iron, manganese and radioactive elements. Deposits of minerals use as abrasives, refractories and in ceramics, deposits of coal and petroleum. Elements of prospective of mineral deposits.

Part – III

- a) **Igneous Petrology:** Origin of magma and formation of igneous rocks. Bowen's reaction principle. Crystallisation of binary systems. Classification of igneous rocks. Textures and structures of igneous rocks. Composition, origin and mode of occurrence of granite, syenite diorite, mafic and ultramafic groups, anorthosites and alkaline rocks.
- b) **Sedimentary Petrology:** Sedimentary process and products. Classification of sedimentary rocks. Sedimentary structures. Residual deposits – their mode of formation, characteristics and types, Clastic deposits – their classification, mineral composition and texture. Elementary ideas about the origin and characteristics of quartz arenites, arkoses and greywackes. Siliceous and calcareous deposits of chemical and organic origin.
- c) **Metamorphic Petrology:** Types and factors of metamorphism. Zones, grades and facies of metamorphism. Regional and contact metamorphism. Textures and structures of metamorphic rocks. Metamorphism of argillaceous, arenaceous, calcareous and basic rocks. Metasomatism.

Part – IV

- a) **Paleontology:** Habits and habitats of animals. Fossils and fossilization. Modes of preservation. Application of fossils, Study of morphology and geological history of Foraminiferida, Brachipoda, Bivalvia, Gastropoda, Cephalopoda, Trilobita, Echinoidea and Anthozoa. Mammals of Siwalik Group. A brief study of Gondwana flora.
- b) **Stratigraphy and Geology of India:** Fundamental laws of stratigraphy. Stratigraphic classification lithostratigraphic, biostratigraphic and chronostratigraphic. Geological time scale. Physiographic divisions and outline of stratigraphy of India. Brief study of Dharwar,

Vindhyan and Gondwana Supergroups and Siwalik Group with reference to their major subdivisions, lithology, fossils, aerial distribution and economic importance.

Post Code No 09: FOOD SAFETY OFFICERS IN A.P INSTITUTE OF PREVENTIVE MEDICINE, PUBLIC HEALTH LABORATORIES AND FOOD (HEALTH) ADMINISTRATION SUBORDINATE SERVICE

SCHEME(Degree Standard)

WRITTEN EXAMINATION (OBJECTIVE TYPE)				
PAPER	SUBJECT	No. Of Questions	Duration Minutes	Maximum Marks
PAPER-1	General Studies & Mental Ability	150	150	150
PAPER-2	Food Technology	150	150	150
Total :		300 Marks		
N.B.: 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 1/3 rd of the marks prescribed for the question in all Objective type papers.				

SYLLABUS

PAPER-I

GENERAL STUDIES AND MENTAL ABILITY

1. Events of national and international importance.
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 - 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.

PAPER-2: Food Technology

1. Food Chemistry

Carbohydrates -Structure and functional properties of mono, di&oligo-polysaccharides including starch, cellulose, pectic substances and dietary fibre; Proteins – Classification and structure of proteins in food. Lipids-Classification and structure of lipids, Rancidity of fats, Polymerization and polymorphism; Pigments-Carotenoids, chlorophylls, anthocyanins, tannins and myoglobin; Food flavours-Terpenes, esters, ketones and quinones; Enzymes-Enzymatic and non-enzymatic browning in different foods.

2. Food Microbiology

Characteristics of microorganisms-Morphology, structure and detection of bacteria, yeast and mold in food, Spores and vegetative cells; Microbial growth in food- Intrinsic and extrinsic factors, Growth and death kinetics, serial dilution method for quantification; Food spoilage- Contributing factors, Spoilage bacteria, Microbial

spoilage of milk and milk products, meat and meat products; Food borne disease-Toxins produced by Staphylococcus, Clostridium and Aspergillus; Bacterial pathogens- Salmonella, Bacillus, Listeria, Escherichia coli, Shigella, Campylobacter; Food Hazards of natural origin - sea food toxins, biogenic amines, alkaloids, phenolic compounds, protease inhibitors and phytates.

Types of hazards, biological, chemical, physical hazards factors affecting safety, importance of safe foods.

General methods of food preservation and food processing preservation of food spoilage

3. Food Processing technology

Food processing- structure, composition, nutritional significance and types of processing methods for various categories of foods: Cereals (Rice-milling, parboiling, Barley- Pearling, malting, brewing, Corn- wet and dry milling, Wheat-milling, pulses (milling, germination, cooking, roasting, frying, canning and fermentation), and oil seeds (extraction and refining) , Fruits & vegetables (canning, drying and dehydration, concentration, freezing, IQF, thawing and plantation crops (primary and secondary processing of Tea, Coffee and Cocoa), Spices (Oleoresin and essential oil extraction), Meat, fish and poultry (ante mortem inspection, slaughtering and dressing, post mortem examination, canning, curing, smoking, freezing, dehydration), milk (receiving, separation, clarification, pasteurization, standardization, homogenization, sterilization, UHT).

Unit operations of food processing – grading, sorting, peeling and size reduction.

Product development - Consumer trends and their impact on new product development; stages- to conceive ideas, evaluation of ideas, developing ideas into products, test marketing and commercialization; criteria for selection of raw materials, sensory evaluation, objective evaluation, standardization.

Types & functions of packaging materials used in foods.

Packaging material as a threat, impact on health and controlling measures.

Surveys – types, sampling procedures for conducting surveys and for quality control.

4. Food Laws and Organizations

Laws and Regulations - Brief review of regulatory status in India before the advent of FSSAI: FPO, MMPO, MFPO, Prevention of Food Adulteration Act, Paradigm shift from PFA to FSSAI;

Overview of Food Safety Standards Act 2006, Food Safety Standards Rules & Regulations, 2011 (Licensing and registration of food businesses, Food product standards & Additives, Packaging & labelling, Contaminants, toxins and residues, Laboratory and sample analysis, Prohibition and restriction on sales), Organizational hierarchy, Powers and duties of Food business Operator, Food Safety Officer, Designated Officer, Food Analyst; Food recall and Traceability, Other Acts: Essential commodities Act, Legal Metrology Act, AGMARK

Codex Alimentarius - development and issue of standards, Committees under Codex, role in maintaining harmony in food standards.

National Organizations - Bureau of Indian Standards, ICMR, ICAR, NABL, Council for social welfare, Ministry of Health & Family Welfare - delivery Health Services in India.

Export and Quality Control through Export Inspection Council (EIC), APEDA and MPEDA.

International Organizations FAO (Food & Agriculture Organization), WHO (World Health Organization), ISO, WTO, APLAC, ILAC.

5. Hygiene & Sanitation

Hygiene and sanitation in food sector - pest control measures, Garbage and Sewage disposal, Water - Sources, purification, Hazards Analysis & Critical Control Point (HACCP), Good Manufacturing Practices (GMP), Good Hygienic Practices (GHP), Good laboratory Practices (GLP).

6. Public & Occupational health and Nutrition

Public Health: Definition of Public Health and Associated Terms, Current Concerns in Public Health : Global and Local, Core functions and scope of public health, History of public health and evolution of Public Health, Concept of health and disease, Natural history of disease, Levels of prevention, Concept of health and disease, Natural history of disease, Determinants of health, Infectious Disease and Germ Theory, Introduction to public health ethics, Globalization and Health, Governance in Health, International Health Regulations, Indian Health Systems.

Occupational Health- health of workers in industries safety measures, occupational diseases.

Nutrition- Assessment of nutritional status, Balanced diet, food sources of nutrients, essential vitamins, amino acids and fatty acids, their deficiency diseases and toxicity, PER, Recommended dietary allowances for various nutrients, Antinutrients, clinical and diet surveys.

Programmes on Nutrition in India (mid-day meals at schools, anganwadi systems, ICDS, NIDDCP, NNAPP, WIFS, National Food Security Mission, SABLA, FSSAI initiatives on food fortification, FFRC)

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 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
- 27 Holey 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, Vadabaliya, 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 dt: 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, dt: 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 bhadreeya (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 Vishakhapatnam, 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. Kamabhakthulu
11. Kuruba or Kuruma
12. Nagavaddilu
13. Neelakanthi
14. Patkar (Khatri)
15. Perika (Perikabaliya, 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. Agarlu
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 Baliya, (Kalavanthulu) Ganika (amended vide G.O.Ms. No. 20, BCW(P2) Dept., Dt. 19.07.1994)
15. Krishanabaliya (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/Lingabaliija, 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, Singamvullu, Achchupanivallu, Achchukattuvaru, Achukatlavandlu.
 2. Attar Saibuli, Attarollu
 3. Dhobi Muslim/ Muslim Dhobi/ Dhobi Musalman, Turka Chakla or Turka Sakala, Turaka Chakali, Tulukka Vannan, Tskalas or Chakalas, Muslim Rajakas.
 4. Faqir, Fhakhir Budbudki, Ghanti, Fhakhir, Ghanta Fhakhiru, Turaka Budbudki, Derves, Fakeer
 5. Garadi Muslim, Garadi Saibulu, Pamulavallu, Kani-Kattuvallu, Garadollu, Garadiga.
 6. Gosangi Muslim, Phakeer Sayebulu
 7. Guddi Eluguvallu, Elugu Bantuvallu, Musalman Keelu Gurravallu
 8. Hajam, Nai, Nai Muslim, Navid
 9. Labbi, Labbai, Labbon, Labba
 10. Pakeerla, Borewale, Deraphakirlu, 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.
