

ANDHRA PRADESH PUBLIC SERVICE COMMISSION: VIJAYAWADA**NOTIFICATION NO.15/2019, Dt.21/02/2019****VARIOUS NON-GAZETTED POSTS****LIMITED RECRUITMENT / GENERAL RECRUITMENT****PARA – 1:**

- 1.1. Applications are invited through online from eligible candidates for various Non-Gazetted posts (Carry Forward vacancies) details are at Para 1.12.
- 1.2. The proforma application will be available on Commission's Website (<https://psc.ap.gov.in>) **28/03/2019 to 17/04/2019** (Note:16/04/2019 is the last date for payment of fee upto 11:59 mid night).
- 1.3. Before applying for the post, an applicant 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. Applicants need to apply for the post using the OTPR user ID through Commission's website.
- 1.4. The Commission conducts Screening Test in offline mode in case applicants exceed 25,000 in number in **Post Code wise** and Main Examination in online mode for candidates selected in screening test.
- 1.5. If the screening test is to be held, the date of screening test will be communicated through Commission's Website.
- 1.6. Tentatively the main examination is likely to be held online through computer based test **2nd week of June 2019**. The candidates are required to visit the Commission's website regularly to keep himself / herself updated about confirmed dates of examinations to be held. There would be objective type questions which are to be answered on computer system. Instructions regarding computer based recruitment test are attached as Annexure - III. In case any paper of the Examination is held in different languages, the candidate has to choose the medium in which he/she wants to write the examination and the paper will be valued with reference to that medium only.
- 1.7. A general Mock Test facility is available to the applicants 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>.
- 1.8. 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.
- 1.9. HALL TICKETS can be downloaded whenever the Commission uploads them to its website. Intimation would be given through the website regarding downloading of Hall Tickets.
- 1.10. All desirous and eligible candidates shall apply online after satisfying themselves that they are eligible 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 authentication that he / she has read the notification and shall abide by the terms and conditions laid down there under.
- 1.11. **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.**

1.12. The details of vacancies are as follows:-

Non- Gazetted posts

P.C. No.	Name of the Post	Age as on 01.07.2019	Scale of pay Rs	State wise /Zone wise vacancies				No of vacancies
				I	II	III	IV	
01	Technical Assistant (Geophysics) in A.P. Ground Water Sub-Service	18-42	35,120-87,130/-	01	-	01	06	08
02	Technical Assistants (Hydrogeology) in A.P. Ground Water Sub-Service	18-42	35,120-87,130/-	-	01	-	-	01
03	Technical Assistant in A.P. Mines and Geology Sub-Service	18-42	23,100-67,990/-	MZ-I 04		MZ-II 04		08
04	Deputy Inspector of Survey in A.P. Survey and Land Records Sub Service	18-42	28,940-78,910/-	MZ-I 01		MZ-II -		01
05	Technical Assistants in A.P. Archaeology & Museums Sub-Service	18-42	31,460-84,970/-	State Cadre				03
06	Welfare Organiser in A.P. Sainik Welfare Sub-Service	18- 45	16,400-49,870/-	District Cadre				01

Note: Post Code No.06 is single & solitary post. Hence, no Roster. Ex-Servicemen belonging to Kurnool District only may apply.

PARA-2: ELIGIBILITY:

- i. He / She is of sound health, active habits and free from any bodily defect or infirmity rendering him unfit for such service;
- ii. His / Her character and antecedents are such as to qualify him 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:

A candidate should possess the academic qualifications and experience including practical experience prescribed, if any, for the post on the date of the notification for direct recruitment issued by the concerned recruiting agency.

P.C.No.	Name of the post	Qualification
01	Technical Assistant (Geophysics) 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.
02	Technical Assistants (Hydrogeology) in A.P. Ground Water Sub-Service	Must possess M.Sc. or M.Sc (Tech) or M.Tech. in Geology or applied Geology or Hydrogeology or its equivalent qualification from any University or an Institution recognised by the University Grants Commission or an equivalent qualification or any University recognised by the University Grants Commission under Section 3 of the University Grants Commission Act, 1956 or Diploma of Associateship in applied Geology of the Indian School of Mines, Dhanbad. (As per G.O.Ms.No.12 Irrigation & CAD (ALS.2) Dept., dated: 24.01.2012)
03	Technical Assistant in A.P. Mines and Geology Subordinate Service	Must Possess B.Sc Degree in Geology from any recognised University of India established or incorporated by or under a Central Act, 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.
04	Deputy Inspector of Survey in A.P. Survey and Land Records Sub Service	Must possess a Diploma in Civil Engineering awarded by the A.P. State Board of Technical Education or its equivalent examination recognised by A.P. State Board of Technical Education

05	Technical Assistants in A.P. Archaeology & Museums Sub-Service	<p>“Must possess a First or second class post graduate Degree in Archaeology or History or Indology or Anthropology or Museology or Sanskrit or Persian from any University in India established or incorporated by or under Central Act or Provincial Act or a State Act or an Institute recognised by the University Grants Commission”</p> <p>(or)</p> <p>Must possess 1st or 2nd class in Siromani (final) examination conducted by Sri Venkateswara University, Tirupati or any other examination equal to the other examination equal to the above conducted by the universities in Andhra Pradesh.</p>
06	Welfare Organiser in A.P. Sainik Welfare Sub-Service	<p>No person shall be eligible for appointment as a Welfare organizer unless –</p> <p>I) He had served as an Ex-Service men</p> <p>II) He has passed Intermediate examination or its equivalent Examination.</p> <p>III) He is able to read, write and speak Telugu Language.</p>

Note: As per G.O.Ms.No.282, G.A.D. (Ser.A) Dept., dt.20/09/2003, the candidates with higher qualification are allowed to appear for the posts even in cases where they don't possess the prescribed qualification. Therefore, candidates with higher qualification may also apply.

PARA- 4 RESERVATIONS:

- 4.1. There will be reservations in direct recruitment in respect of Scheduled Tribes, Scheduled Castes, Backward Classes, physically handicapped persons and Women as per Rule 22 and 22 (A) of A.P. State and Subordinate Service Rules for Post Code Nos. 01, 02 and 05.

Note: 1. For Post Code Nos.03, 04 & 06 PH persons are not eligible.

2. For Post Code No.06 Woman & Community reservations are not applicable.

- 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 the basic document of proof of Community will be the Certificate issued by the Revenue Authorities not below the rank of Tahsildar in the case of SC/ST 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”.
- 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: No person who professes a religion different from Hinduism shall be deemed a member of Schedule Caste. BCs, SCs & STs belonging to other States are not entitled for reservation.
- 4.5. 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.
- 4.6. 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.
- 4.7. Evaluation of various physical disabilities and procedure for certification will be as per the orders contained in G.O.Ms. No. 31, WD, CW & DW (DW) Dept., dated 01.12.2009.

- 4.8. The candidates claiming to be belonging to non-creamy layer of Backward Class have to obtain a Certificate in terms of G.O. Ms. No. 3, Backward Classes Welfare (C-2) Department, Dated 04.04.2006 read with G.O. Ms. No. 26 Backward Classes Welfare(C) Department, Dated 09.12.2013 regarding their exclusion from the Creamy Layer from the competent authority (Tahasildar) and produce the same at appropriate time of verification. In case of failure to produce the same on the day of verification, the Candidature will be considered against open competition even if he / she is otherwise eligible in all aspects.

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 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 migrate from Telangana to Andhra Pradesh between 2nd June, 2014 and 1st June, 2019 (in this case till date of notification) 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 the 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)

6.7. 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)

6.8. For Post Code Nos. 05 local reservations are not applicable as this post is State wide cadre. Post Code No.03 & 04 Multi Zonal post.

PARA- 7 AGE:

7.1. No person shall be eligible for direct recruitment if he/she is less than 18 years of age and if he / she is more than 42 years of age For Post Code Nos.01 to 05 as on 01/07/2019 as per G.O.Ms.No.132,GA (Ser-A) Dept., dated:15.10.2018. Candidates should not be born earlier than 2nd July 1977 and not later than 1st July 2001. For Post Code No.06 age not exceed 45 years.

7.2. Age Relaxation is applicable to the categories as detailed below **(Except for Post Code No.06):**

S. No.	Category of candidates	Relaxation of age permissible
1.	SC/ST	10 Years
2.	BCs	5 Years
3.	Physically Handicapped persons	10 Years
4.	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.
5.	N.C.C. (who have worked as Instructor in N.C.C.)	
6.	A.P. State Government Employees (Employees of APSEB, APSRTC, Corporations, Municipalities etc. are not eligible).	5 Years based on the length of regular service.
7.	Retrenched temporary employees in the State Census Department with a minimum service of 6 months.	3 Years

EXPLANATION:

Provided that the persons referred to at Sl.Nos.4 & 5 above shall, after making the deductions referred to in sub Rule 12 (c) (i) & (ii) of A.P. State and Subordinate Service Rules not exceed the Maximum age limit prescribed for the post.

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

PARA - 8 HOW TO APPLY:

STEP-I: Candidates 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 (If candidates have already registered and have the OTPR ID, number then he/she can 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 prepopulated 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 prepopulated 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 affects 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,
 - 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 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 centres / systems.

PARA – 12 RESOLUTION OF DISPUTES RELATED TO QUESTION PAPER, ANSWER KEY AND OTHER MATTERS

- 12.1. The Commission would publish the key on its website after conduct of the examination. Any objections with regard to the key and any other matter shall be filed within one week after publication of the key in the prescribed proforma available in the website.
- 12.2. The objections received in the prescribed proforma and within due date will be referred to expert Committee for opinion and to take appropriate decision thereon by the Commission. As per decision of the Commission a revised key will be hosted and further objections only in respect of keys that are revised would be called for a period of three working days from the date of publication of revised key. No further objections on original key will be entertained at this stage. The matter will again be referred to experts, taking into consideration the opinion of expert Committee and the final key would be hosted on website based on the decision of the Commission.
- 12.3. The objections 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 from the date of publication of key / revised key would not be entertained.

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 cognisance 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.

- 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 respective Special Rules/Adhoc Rules governing the Recruitment in G.O.Ms.No.357, Irrigation and C.A.D (C.A.D.,Ser.I) Dept., dated:04.12.1992, G.O.Ms.No.12, Irrigation and C.A.D (ALS.2)Dept., dated:24.01.2012, G.O.Ms.No.205, Industries and Commerce (M.I)(1) Dept., dated:22.06.1999, G.O.Ms.No.102, Revenue (SS.2) Dept., dated:05.02.2001, G.O.Ms.No.258, Education (CE.1) Dept., dated:09.10.1999, G.O.Ms.No.505, Home (S.W) Dept., dated:08.09.1989 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, "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 and 04.
- Note: 1. For Post Code No. 5 local reservations are not applicable as this post is state cadre
2. Post Code No.06 is single & solitary post. Hence, no Roster.
- 13.6. Scheme is prescribed as per G.O Ms. No.201, Finance (HR-I Plg, & Policy) Dept., dated:21.12.2017.
- 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 Candidates who have obtained Degrees through Open Universities / Distance Education mode are required to have recognition by the Distance Education Council, Government of India. Unless such Degrees have been recognised 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 recognised, rests with the candidate. Candidates may also refer 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 Please read the following 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 of candidates for appointment to the posts shall be based on the merit in the computer based examination, to be held as per the scheme of examination enunciated at para 10 above.
- 15.2. Appearance in all the papers of computer based examination / Main examination is compulsory. Absence in any of the papers will automatically render the disqualification of the candidature.
- 15.3. As per G.O.Ms.No.5 General Administration (Ser-A) Dept., dated:05.01.2018 "Government here by permit the Andhra Pradesh Public Service Commission to pick up candidates who obtains such minimum qualifying marks in Screening Test / Preliminary Examination as may be fixed by the Commission at its discretion shall be admitted to the Main Examination in all direct recruitment examinations. The APPSC is further permitted to select candidates belonging to the Scheduled Caste or Scheduled Tribes or Backward classes candidates for Main Examination by applying relaxed standards in the Screening Test / Preliminary Examination, if the Commission is of the opinion that sufficient number of candidates from these communities are not likely to be eligible for main examination on the basis of general standard in Screening Test / Preliminary Examination in order to fill up the vacancies reserved for them". Candidates who will come up for selection due to relaxed standards shall be considered against reserved category only.
- 15.4. The minimum qualifying marks for consideration of a candidate to the selection process are 40% for OCs, 35% for BCs, and 30% for SCs, and STs or as per rules. 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 and / or oral competitive examination irrespective of the marks secured.
- N.B.: Mere securing of minimum qualifying marks does not confer any right to the candidate for being considered to the selection.
- 15.5. Where the candidates get equal number of marks in the 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.
- Note: For Post Code 03:** Where the candidates get equal number of marks those candidates shall be bracketed. Candidates within the same bracket shall then be ranked 1, 2, 3 etc., according to the person who possesses preferred educational qualification would be considered and if there is tie in qualification ranking will be done according to age i.e. oldest being considered for admission.
- 15.6. 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.
- 15.7. While the Commission calls for preference of candidates in respect of Zones and Multi-zones 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 is considered to be qualified and eligible, subject to fulfilling the selection criterion. Mere claim of preference for any Multi- Zone for allotment against vacancy does not confer a right to selection for that Multi-Zone in particular or any 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 and marks of each candidate are also displayed on 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), pager, scientific 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/ pagers 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: 21.02.2019**

**SD/-
SECRETARY**

ANNEXURE-I
NOTIFICATION NO.15/2019
BREAKUP OF PROVISIONAL VACANCIES

P.C.No.1 TECHNICAL ASSISTANT (GEOPHYSICS) IN A.P.GROUND WATER SUBORDINATE SERVICE

COMM UNITY	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
BC-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-B	-	-	-	-	-	-	-	-	-	-	-	-	01	-	-	01	-	-	-	01	01	-	-	02
BC-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-D	-	-	-	-	-	-	-	-	-	-	-	-	-	01	-	-	-	01	-	-	-	-	-	01
BC-E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	02	-	-	-	-	-	-	02	02
ST	-	01	-	-	-	-	-	-	-	-	-	-	-	-	-	01	-	01	-	01	-	01	-	02
VH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ex-Ser. men	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	01	-	-	-	-	-	-	-	-	-	01	-	02	01	03	-	03	01	04	-	-	-	08
G.Total	01								01				06				08							

- Note:**
1. If qualified candidate belonging to SC (W) L category is not available in Zone-IV the two vacancies will be filled by ST(W)L candidate.
 2. If qualified candidate belonging to ST (W) L category is not available in Zone-IV the vacancy will be filled by SC(W)L candidate.
 3. If qualified candidate belonging to BC-D(W) Open category is not available in Zone- IV The vacancy will be filled by the next BC Group in the order of BC-E (W) open / BC-A (W) open / BC-B(W)open / BC-C(W)open

P.C.No.02 TECHNICAL ASSISTANT (HYDROGEOLOGY) IN A.P. GROUND WATER SUB –SERVICE

COMM UNITY	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BC-E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VH	-	-	-	-	-	-	-	01	-	-	-	-	-	-	-	-	-	-	-	-	-	01	-	01
HH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ex-Ser. men	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	01

Note: If qualified candidate of the VH (W) category is not available, vacancy shall be filled up by interchanging among 3 PH categories as per the procedure prescribed and in case no disabled person is available, the vacancy shall be filled up by the person other than disability as per G.O.Ms.No.99, General Administration (Ser.D) Dept., dated:04.03.2013.

P.C.No.3 TECHNICAL ASSISTANT IN A.P.MINING SUB- SERVICES

COMMUNITY	MULTI-ZONE-1				MULTI-ZONE-2				GRAND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	
OC	-	01	-	01	-	-	-	02	04
BC-A	-	-	-	-	-	-	-	01	01
BC-B	-	-	-	-	-	-	-	-	-
BC-C	-	-	-	-	-	-	-	-	-
BC-D	-	-	-	-	-	-	-	-	-
BC-E	-	-	01	*01	-	-	-	01	03
SC	-	-	-	-	-	-	-	-	-
ST	-	-	-	-	-	-	-	-	-
TOTAL	-	01	01	02	-	-	-	04	
G.Total	04				04				08

- Note:1. If, eligible Candidate is not available for the above said 1-CF (*) vacancy Interchanging Procedure would be followed as per Rule-22(h)(ii) of A.P. State and Subordinate Service Rules -1996. Issued in G.O. Ms. No. 436, G.A (Ser-D), Dept., Dated: 15.10.1996. Hence, all categories of BC (Women) are allowed to apply.
2. As per rule 7 of G.O.Ms. No.59, Ind. & Comm (M1) Dept., Dt.10/03/1998 Physically challenged persons are not eligible for the post.

P.C.No.4 DEPUTY INSPECTOR OF SURVEY IN A.P. SURVEY AND LAND RECORDS SUB SERVICE

COMMUNITY	MULTI-ZONE-1				MULTI-ZONE-2				GRAND TOTAL
	OPEN ZONE		LOCAL		OPEN ZONE		LOCAL		
	G	W	G	W	G	W	G	W	
OC	-	-	-	-	-	-	-	-	-
BC-A	-	-	-	-	-	-	-	-	-
BC-B	-	-	-	-	-	-	-	-	-
BC-C	-	-	-	-	-	-	-	-	-
BC-D	-	-	-	-	-	-	-	-	-
BC-E	-	-	-	-	-	-	-	-	-
SC	-	-	-	-	-	-	-	-	-
ST	-	-	-	01	-	-	-	-	01
TOTAL	-	-	-	01	-	-	-	-	01

Note: As per G.O.MS.No.436, GA (Ser-D)dt.15/10/1996 and in terms of Rule 22 (h) (ii) of AP State and Subordinate Service Rules – 1996. If no candidate is available for 01 ST (W) local vacancy in Multi Zone –I, the vacancy will be filled with SC (W) by following interchange method.

P.C.NO.05 TECHNICAL ASSISTANTS IN A.P. ARCHAEOLOGY & MUSEUMS SUB SERVICE

COMMUNITY	State Wide Vacancies		Grand Total
	G	W	
OC	-	-	-
BC-A	01	-	01
BC-B	01	-	01
BC-C	-	-	-
BC-D	-	-	-
BC-E	-	-	-
SC	-	-	-
ST	-	-	-
VH	-	-	-
HH	01	-	01
OH	-	-	-
Ex-Ser. men	-	-	-
Grand Total			03

Note: If qualified candidate of the HH category is not available, the vacancy shall be filled up by interchanging among 3 PH categories as per the procedure prescribed and in case no disabled person is available, the vacancy shall be filled up by the person other than disability as per G.O.Ms.No.99, General Administration (Ser.D) Dept., dated:04.03.2013.

P.C.NO.06 WELFARE ORGANISER IN A.P. SAINIK WELFARE SUB SERVICE**(DISTRICT POST)**

District	No. of vacancies
Kurnool	01
Total	01

- Note:** 1.Only Ex- Service men are eligible.
2. Meritorious Candidates belonging to Kurnool district, would be selected as this post is single solitary post.

ANNEXURE – II
NOTIFICATION NO.15/2019

SCHEME AND SYLLABUS

P.C.No.01 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.				
N.B.2: The Candidate must possess Degree in M.Sc or M.Sc (Tech) or M.Tech or its equivalent in Geophysics from a University.				

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 Redial 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.02 TECHNICAL ASSISTANTS (HYDROGEOLOGY) IN A.P. GROUND WATER 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 and Hydrogeology	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 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 AND HYDROGEOLOGY

Part – I

1. **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.

2. **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.

3. **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 equalarea 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

1. **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.

2. **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.

3. 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

1. **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.

2. **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.

3. **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

1. **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.

2. **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.

Part-V

Fundamentals of Hydro-geology, Hydrologic cycle. Ground Water, Storage and movement of subsurface water properties of rocks effecting ground water, Aquifers. Different geological formations as aquifers. Darcy's Law. Pumping tests. Quality and treatment of ground water. Exploration for ground water. Ground water management.

P.C.No.03 TECHNICAL ASSISTANT IN A.P. MINING 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 used as abrasives, refractories and in ceramics, deposits of coal and petroleum. Elements of prospecting 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 Foraminifera, Brachiopoda, 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.

P.C.No.4 DEPUTY INSPECTOR OF SURVEY IN SURVEY SETTLEMENTS & LAND RECORDS SUB SERVICE**SCHEME OF THE EXAMINATION**

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	Subject: Civil Engineering (Diploma 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 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 – II**CIVIL ENGINEERING (Diploma standard)****SOLID MECHANICS:**

Forces: Different types of forces, gravitational, frictional, axial, tensile or compressive. Law of Parallelogram and triangle of forces, polygon of forces, problems.

Friction: Statical friction, limiting friction, simple problems. Centre of gravity and moment of inertia. Simple plane figures.

Simple machines, law of machine, Mechanical advantage, velocity ratio and efficiency, wheel and axle, pulleys and simple screw jack-problems

Simple Stresses and strains: Different types of stresses and strains, stress-strain diagram for ductile materials. Factor of safety, ultimate strength and working strength, elastic constants, poisson ratio.

Deformations, volume changes. Relations between elastic constants. Hooke's Law. Compound rods, temperature stresses, strain energy, proof resilience, impact loading.

Riveted and welded joints, different modes of failures, efficiency of joints, thin cylindrical shells, longitudinal and circumferential stresses and volume changes.

Shear force and bending moment diagrams for simply supported, over hanging and cantilever beams. Relation between intensity of loading, shear force and bending moment. Economical length of overhanging beams.

Theory of simple bending: Assumptions, basic flexure formula, bending stresses, modulus of section, moment of resistance. Circular bending. Distribution of shear stress in common structural sections.

Deflection in cantilever and simply supported beams under simple loading-propped cantilever beams subjected to simple loading, determination of reaction. SF and BM diagrams.

Torsion: Assumptions, basic formula of torsion, power transmission by shafts of uniform circular sections close-coiled springs, strain-energy in simple beams and shafts, sudden and impact loading. Principal stresses and principal planes. Mohr's circle of stress.

Thin cylinders under internal pressure stresses and volume changes.

Columns and struts: Direct and bending stresses, core of section. Short and long columns under axial loading-various end-conditions. Euler and Rankine formulae, Slenderness ratio, simple built-up columns.

Simple plane and pin-jointed trusses: Stresses by method of joints and method of sections.

FLUID MECHANICS:

Introduction: Scope of hydraulics in Engineering. Definition and properties of fluid.

Fluid pressure and its measurement: Atmospheric pressure, Gauge pressure and absolute pressure.

Piezometer, Manometer-U-tube, Inverted U-tube, and differential manometers.

Pressure on plane surface immersed in liquid-Horizontal, vertical and inclined plane surface.

Flow of fluids: Type of flow-uniform flow, non-uniform flow, streamline flow, Turbulent flow, steady flow and unsteady flow, Energies in fluid motion-Datum head, pressure head and velocity head. Total energy of fluid in motion - Bernoulli's theorem. Practical application of Bernoulli's theorem – pitot tube venturimeter - Orificemeter - problems.

Flow through orifices and Mouth Pieces: Definition of orifice, types of orifices, Vena contracta, coefficient of velocity, coefficient of contraction, coefficient of discharge. Submerged and partially submerged orifices. Flow through orifices under variable heads - Time of emptying a rectangular tank through orifices. Mouth pieces - different types of problems.

Notches and Weirs: Definition of notch, types of notches - Rectangular notch, Triangular notch and trapezoidal notch. Discharge over a rectangular, triangular and a trapezoidal notches.

Flow through pipes: Major and minor losses - Loss of head at entrance, loss of head due to sudden enlargement, due to sudden contraction, loss of head at exit of the pipe. Frictional loss in pipe-Chezy formula and Daycy's formula.

Hydraulic gradient and total energy line. Discharge through parallel pipes and branched pipes connected to a reservoir. Flow through syphon pipe.

Hydraulic transmission of power-flow through nozzle at the end of a pipe line-diameter of nozzle for Max H.P. available. Water hammer and its effect. Laminar and turbulent flow in pipes-Critical velocity and Reynold number.

Measurements: Measurement of velocity - Current meter surface floats and weighted rods.

Determination of discharge from velocity readings.

Impact of jets: Formulae for the force of jet on a fixed vertical flat plate, fixed inclined flat plates, moving flat plates, series of flat plates fixed on the rim of a wheel. Force of jet striking at the centre and at the top of a fixed curved blade and moving curved blade, velocity triangles.

Work done, power and efficiency in the above cases. Simple problems. Water turbines: Introduction to water turbines.

Use of water turbines in Hydroelectric power stations line sketch showing layout of hydro-electric power plant with head race, dam, sluice gate, pen stock turbine, generator and tail race.

Classification of turbines - impulse and reaction turbines brief sub-classification of axial, radial and tangential flow type. Pelton wheel, Francis turbine and Kaplan turbine, Governing of waster turbines.

Simple problems on power and efficiency.

Centrifugal pump: Installation, mountings and other accessories. Priming of centrifugal pump.

Efficiency, cavitation. Simple problems on work, power and efficiency.

P.C.No.05 TECHNICAL ASSISTANTS IN A.P. ARCHAEOLOGY & MUSEUMS SUB-SERVICE

SCHEME OF THE EXAMINATION

WRITTEN EXAMINATION (OBJECTIVE Type) (Degree Standard)				
Paper	Subject	No. Of Questions	Duration	Maximum Marks
Paper - I	General Studies & Mental Ability	150	150	150
Paper - II	subject: Archaeology Museology and Indology	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: ARCHAEOLOGY, MUSEOLOGY & INDOLOGY

- I. Nature and scope of the Subject- Relations with History and Sciences-earth, Natural, physical, Human and advanced Sciences; Development of archaeology as an academic Discipline; New Archaeology-recent Trends in Archaeological Studies; Pleistocene Period-Its importance; human Evolution-various stages of human Revolution
 - II. Archaeological Exploration-aerial Photography-Scientific aids in Exploration; Excavation-Vertical and Horizontal excavation-Excavation of Town sites-Burials-Pottery and its Importance to Archaeology-Under Water Archaeology-Recent development in Under water Archaeology in India
 - III. Recording-Reconstruction of the palaeo-environment and culture; Preparation of Excavation Report;-Publication of the Data
Dating Methods-Relative and absolute Dating Methods-C-14 Method- Thermoluminescence-Potassium Argon-Dendro chronology and Palaeo-Magnetic Dating Methods
- PRE-HISTORY OF INDIA
- Prehistoric divisions and Terminology;
Lower Palaeolithic cultures of India
Middle Palaeolithic cultures; Upper palaeolithic Period in India-Andhra
Mesolithic in India-North, south and Central Indian cultures Eastern Indian; cave art-Life and culture of Mesolithic period
Neolithic period in India-Shift to food Production-regional variations-North-south and eastern India
Material culture of Neolithic period-Chronology and Burial cultoms

Proto and Early Historical Cultures

Pre-Harappan cultures-Sindh, Punjab and Rajasthan area-Baluchistan and Afghanistan area- Life and culture

Harappan culture-Nomenclature-Extent-Chronology-Trade and commerce-Burial customs-End of the civilization-Dholavira, Kalibangan, Harappan

Post Harappan Chalcolithic Cultures of India-Ahar-Malwa-Jorwae and Deccan-Life and Culture Copper Hoard cultures-Iron Age in India-P.G Ware; Black and Red Ware-Megalithic Burials- South Indian Megaliths-Life and culture

Cultures of Early Historic India-Early Historic Urban Growth-Sites-Hastinapur-Taxila and Nagarjunakonda-Life and culture

Indian Art, Architecture and Iconography

Harappan art;Mauryan art and architecture; Buddhist Monuments-Rockcut and structural Kushan art-Gandhara- and Mathura art-Satavahana art

Gupta art and Architecture- Evolution of Hindu temple architecture-Chalukyan art and temples Pallava art-Rashtrakuta-Chola and vijayanagara art and architecture

Hindu Iconography-Vishnu-Siva and Sakta Iconography; Paintings on walls of caves and temples

I. History of Museum Movement in India-Types of Museums-Educative value of Museums

II. Organisation of a Museum-Premises and Space for different Sections-Museum administration-Methods of Acquisition

III. Cataloguing and Indexing-Methods of Display-principles of display of coins and art Objects-Types of Exhibitions

Epigraphy as a Source of History; Origin and antiquity of writing in India; Writing materials; Origins of Brahmi and Kharoshthi Scripts; Types of Inscriptions Palaeographical formulae; contents of Inscriptions

Dating Inscriptions-Use of Eras; Characteristics of Brahmi Script-development of Script from 3rd century B.c to 3rd century A.D. Characteristic features of Telugu-Kannada Script-Archaic, Middle and Later Varieties from 4th to 16th centuries A.D.

P.C.NO.06 WELFARE ORGANISER IN A.P. SAINIK WELFARE SUB-SERVICE**SCHEME OF THE EXAMINATION**

WITTEN EXAMINATION (Objective Type) SSC Standard				
Paper	Subject	No. Of Questions	Durations Minutes	Maximum Marks
Paper - I	General Studies & Mental Ability	150	150	150
Paper-II	Secretarial Abilities	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.
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10. Logical reasoning, analytical ability and data interpretation.
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 - a) Tabulation of data
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 - 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**SECRETARIAL ABILITIES**

1. Comprehension
2. Descriptive Passage
3. Logical Passage
4. Narrative Passage
 - a) Re-arrangement of sentences with a view to improving the structure of a Passage.
 - b) Spelling, Punctuation, Proof-Reading, Editing Skills
5. Numerical and Arithmetical abilities.

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 OFF-LINE EXAMINATION FOR CANDIDATES (if

Screening test is held):

- B.1. The candidates should go through the instructions given on the cover page of test booklet and carefully write his/her Registration Number, Subject / Subject Code, Booklet Series, Name of the Examination Centre etc., in the Answer Sheet, which will be provided to him/her in the examination hall.
- B.2. Since the answer sheets are to be scanned (valued) with Optical Mark Scanner system, the candidates have to USE BALL POINT PEN (BLUE or BLACK) ONLY FOR MARKING THE ANSWERS. The candidates will be supplied OMR Sheet consisting of two copies i.e., the Original Copy (Top Sheet) and Duplicate Copy (Bottom Sheet). The candidate is required to use Ball Point Pen (Blue or Black) for filling the relevant blocks in the OMR Sheet including bubbling the answers. After writing the examination the candidate has to handover the original OMR sheet (Top Sheet) to

the invigilator in the examination hall. If any candidate takes away the original OMR Sheet (Top Sheet) his/her candidature will be rejected.

However the candidate is permitted to take away the duplicate (Bottom Sheet) OMR Sheet for his/her record. The candidates should bring Ball Point Pen (Blue or Black and smooth writing pad) to fill up relevant columns on the Answer Sheet. The candidate must ensure encoding the Registration Number, Subject/Subject Code, Booklet Series correctly, write the Name of the Examination Centre, appending Signatures of the Candidate and Invigilator, etc., on the O.M.R. Answer sheet correctly, failing which the Answer sheet will not be valued. Use of whitener / correcting fluid / Blade / Powder/ Eraser / folding / Tearing / Rough Work or any kind of tampering to change the answers on OMR Sheet will lead to disqualification / invalidation / rejection. No correspondence whatsoever will be entertained from the candidates in this regard.

- B.3. The OMR Sheet is to be bubbled by Ball Point Pen (Blue or Black) only. Bubbling by Pencil / Ink Pen / Gel Pen is not permitted in this examination. Any kind of tampering to change the answers on the OMR Sheet will lead to disqualification / invalidation / rejection. No correspondence whatsoever will be entertained from the candidates in this regard.

C. INSTRUCTIONS REGARDING ON-LINE EXAMINATION FOR CANDIDATES:

- C.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.
- C.2. The starting time of each examination paper and the entry time would be mentioned in the hall ticket
- C.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.
- C.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.
- C.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.
- C.6. Invigilator will announce the password 15 minutes before commencement of the Examination.
- C.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.
- C.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.
- C.9. You have to use the mouse to answer the multiple choice type questions with FOUR alternative answers.
- C.10. To answer any numerical answer type question, you need to use the virtual numeric key pad and the mouse.
- C.11. On the online exam question screen, the timer will display the balance time remaining for the completion of exam.

- C.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.
- C.13. After answering a question, click the SAVE & NEXT button to save your response and move onto the next question.
- C.14. Click on Mark for Review & NEXT to mark your question for review, and then go to the next question.
- C.15. To clear any answer chosen for a particular question, please click on the CLEAR RESPONSE button.
- C.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.
- C.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.
- C.18. You may view INSTRUCTIONS at any point of time during exam, by clicking on the INSTRUCTIONS button on your screen.
- C.19. The SUBMIT button will be activated after 150 Minutes. Please keep checking the timer on your screen.
- C.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.
- C.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.
- C.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.
- C.23. Please inform the invigilator in case of any technical issues.
- C.24. Please do not talk to or disturb other candidates.
- C.25. In case you are carrying articles other than the admit card, photo identity proof and pen, please leave them outside the exam room.
- C.26. You cannot leave exam room before submitting the paper. Please inform the invigilator if you want to use the wash room.

D. GENERAL INSTRUCTIONS TO CANDIDATES:

- D.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.
- D.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.
- D.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.

- D.4. The candidates must note that his/her admission to the examination is strictly provisional. The mere fact that an Admission to the examination does not imply that his/her candidature has been finally cleared by the Commission or that the entries made by the candidate in his/her application have been accepted by the Commission as true and correct. The candidates have to be found suitable after verification of original certificates; and other eligibility criteria. The Applicants have to upload his/her scanned recent colour passport photo and signature to the Application Form. Failure to produce the same photograph, if required, at the time of interview/ verification, may lead to disqualification. Hence the candidates are advised not to change their appearance till the recruitment process is complete.
- D.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. Non programmable calculators would be permitted, wherever necessary. 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.
- D.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.
- D.7. Candidates trying to use unfair means shall be disqualified from the selection. No correspondence whatsoever will be entertained from the candidates.
- D.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.
- D.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
- D.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.
- D.11. The candidate will not be admitted to the examination Hall without procedural formalities.
- D.12. The candidate admission to the Examination is provisional, subject to the eligibility, confirmation/satisfaction of conditions laid down in this notification.
- D.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.
- D.14. Instructions to be followed scrupulously in the Examination Hall.

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

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

- 1 Adi Andhra
- 2 Adi Dravida
- 3 Anamuk
- 4 Aray Mala
- 5 Arundhatiya
- 6 Arwa Mala
- 7 Bariki
- 8 Bavuri
- 9 Beda Jangam, Budga Jangam (In Districts of Hyderabad,Rangareddy, Mahaboobnagar, Adilabad, Nizamabad,Medak,Karimnagar,Warangal, Khammam and Nalgonda)*
- 10 Bindla
- 11 Byagara, Byagari*
- 12 Chachati
- 13 Chalavadi
- 14 Chamar, Mochi, Muchi, Chamar-Ravidas, Chamar-Rohidas*
- 15 Chambhar
- 16 Chandala
- 17 Dakkal, Dokkalwar
- 18 Dandasi
- 19 Dhor
- 20 Dom, Dombara, Paidi, Pano
- 21 Ellamalwar, Yellammalawandlu
- 22 Ghasi, Haddi, Relli, Chachandi
- 23 Godagali, Godagula(in the Districts of Srikakulam, Vizianagaram & Vishakapatnam) *
- 24 Godari
- 25 Gosangi
- 26 Holey a
- 27 Holey a Dasari
- 28 Jaggali
- 29 Jambuwulu
- 30 Kolupulvandlu, Pambada, Pambanda, Pambala *
- 31 Madasi Kuruva, Madari Kuruva
- 32 Madiga
- 33 Madiga Dasu, Mashteen
- 34 Mahar
- 35 Mala, Mala Ayawaru *
- 36 Mala Dasari
- 37 Mala Dasu
- 38 Mala Hannai
- 39 Mala Jangam
- 40 Mala Masti
- 41 Mala Sale, Netkani
- 42 Mala Sanyasi
- 43 Mang
- 44 Mang Garodi
- 45 Manne
- 46 Mashti
- 47 Matangi
- 48 Mahter
- 49 Mitha Ayyalvar
- 50 Mundala
- 51 Paky, Moti, Thoti
- 52 (Omitted)*
- 53 Pamidi
- 54 Panchama, Pariah
- 55 Relli

- 56 Samagara
 57 Samban
 58 Sapru
 59 Sindhollu, Chindollu
 60 Yatala (Srikakulam Dist. Only) Memo No. 8183/CV-1/2006-10 SW (CV-I) Dept., Dt. 31/03/2008
 61 Valluvan * (Chittoor and Nellore Dist. Only) Memo No. 8183/CV-1/2006-10 SW (CV-I) Dept., Dt. 31/03/2008
 * As for the Constitution (Scheduled Caste) orders (Second Amendment) Act 2002, Act No. 61 of 2002

LIST OF SCHEDULED TRIBES

1. Andh, Sadhu Andh *
 2. Bagata
 3. Bhil
 4. Chanchu (Chenchwar omitted) *
 5. Gadabas, Boda Gadaba, Gutob Gadaba, Kallayi Gadaba, Parangi Gadaba, Kathera Gadaba, Kapu Gadaba *
 6. Gond, Naikpod, Rajgond, Koitur *
 7. Goudu (in the Agency tracts)
 8. Hill Reddis
 9. Jatapus
 10. Kammara
 11. Kattunayakan
 12. Kolam, Kolawar *
 13. Konda Dhoras, Kubi *
 14. Konda Kapus
 15. Konda Reddis
 16. Kondhs, Kodi, Kodhu, Desaya Kondhs, Dongria Kondhs, Kuttiya Konds, Tikiria Khondhs, Yenity Khondhs, Kuvinga *
 17. Kotia, Benthoriya, Bartika, Dulia, Holva, Sanrona, Sidhopaiko (Dhulia, Paiko, Putiya- omitted *)
 18. Koya, Doli Koya, Gutta Koya, Kammara Koya, Musara Koya, Oddi Koya, Pattidi Koya, Rajah, Rasha Koya, Lingadhari Koya (Ordinary), Kottu Koya, Bhine Koya, Raj Koya (Goud-omitted *)
 19. Kulia
 20. Malis (excluding Adilabad, Hyderabad, Karimnagar, Khammam, Mahabubnagar, Medak, Nalgonda, Nizamabad and Warangal District)
 21. Manna Dhora
 22. Nayaks (in the Agency tracts)
 23. Mukha Dhora, Nooka Dhora
 24. Pardhan
 25. Porja, Parangi Perja
 26. Reddi Dhoras
 27. Rona, Rena
 28. Savaras, Kapu Savaras, Maliya Savaras, Khutto Savaras
 29. Sugalis, Lambadis, Banjara *
 30. Thoti (in Adilabad, Hyderabad, Karimnagar, Khammam, Mahabubnagar, Medak, Nalgonda, Nizamabad and Warangal Districts)
 31. Valmiki (in the Scheduled Areas of Vishakapatnam, Srikakulam, Vizianagaram, East Godavari and West Godavari Districts *)
 32. Yenadis, Chella Yenadi, Kappala Yenadi, Manchi Yenadi, Reddi Yenadi *
 33. Yerukulas, Koracha, Dabba Yerukula, Kunchapuri Yerukula, Uppu Yerukula *
 34. Nakkala Kurivikaran (Nakkala – A.P. Gazette, Part – III (B) Central Acts ordinance and Regulations Issue No. 05 Dt. 02/10/2003)
 35. Dhulia, Paiko, Putiya (in the districts of Vishakapatnam, Vizianagaram *)
- * As for the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act 2002, Act No. 10 of 2003

**LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD
CLASSES**

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

GROUP- A

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

1. Agnikulakshatriya, Palli, Vadabalija, Besta, jalari, Gangavar, Gangaputra, Goondla, Vanyakulakshatriya (Vannekapu, Vannereddi, Pallikapu, Pallireddy Neyyala and Pattapu) *Mudiraj / Mutrasi / Tenugollu, The G.O. Ms.No. 15 BCW(C2) Dept., dt. 19/02/2009 is suspended. Hence the inclusion of Mudiraj / Mutrasi / Tenugollu is suspended)vide Hon'ble A.P. High Court orders in WP No. 2122/2009 dated: 29-04- 2009.
2. Balasanthu, Bahurupi
3. Bandara
4. Budabukkala
5. Rajaka (Chakali Vannar)
6. Dasari (formerly engaged in bikshatana)
(amended vide G.O.Rt.No. 32, BCW(M1) Department, 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 Bjantri
(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 Srikulam 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 Chittor, Cuddapah, Kurnool, Anantapur, Nellore, Hyderabad and Rangareddy Districts only. Included Vide G.O. MS. No. 23 B.C. W (C2) Dept., Dt. 4/07/08
46. Rajannala, Rajannalu of Karimnagar, Warangal, Nizamabad and Adilabad Districts only. (included in vide G.O.Ms. No. 44 B.C.W(C2) Dept., Dt.07/08/2008).
47. Bukka Ayyavars, Included vide G.O.Ms.No. 6 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
48. Gotrala, Included vide G.O.Ms.No. 7 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana Region only.
49. Kasikapadi / Kasikapudi, Included vide G.O.Ms.No. 8 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Hyderabad, Rangareddy, Nizamabad, Mahaboobnagar and Adilabad Districts of Telangana Region only.
50. Siddula, Included vide G.O.Ms.No. 9 Backward Classes Welfare (C2) Dept., dt. 19/02/2009. The area of operation shall be confined to Telangana Region only.
51. Sikligar / Saikalgar, Included vide G.O.Ms.No. 10 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
52. Poosala included vide G.O. Ms.No. 16 Backward Classes Welfare (C2) Dept., dt. 19/02/2009.
53. Aasadula / Asadula, included vide G.O. Ms. No. 13, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to East Godavari and West Godavari Districts only.
54. Keuta/Kevuto/Keviti, included vide G.O. Ms. No. 15, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Srikakulam District only.

Group-B (Vocational)

1. Achukatlavandlu in the Districts of Visakhapatnam and Guntur confined to Hindus only as amended vide G.O. Ms. No. 8, BCW(C2) Dept., Dt. 29.03.2000
2. Aryakshatriya, Chittari , Giniyar, Chitrakara, Nakshas (Muchi Telugu Speaking deleted vide G.O. Ms. No. 31, BCW (M1) Dept., 11.06.1996)
3. Devanga
4. Goud (Ediga) Gouda (Gamella) Kalalee, Goundla, Settibalija of Vishaphapatnam, East Godavari, West Godavari and Krishna Districts and Srisayana (Segidi) – (amended vide G.O. Ms. No. 16, BCW (A1) Dept., dt. 19.06.1997
5. Dudekula, Laddaf, Pinjari or Noorbash
6. Gandla, Telikula, Devatilakula (Amended vide G.O. Ms. No. 13, BCW(A1) Dept., dt. 20.05.1997)
7. Jandra
8. Kummara or Kulala, Salivahana (Salivahana added vide G.O. Ms. No. 28, BCW(M1) Dept., 24.06.1995)
9. Karikalabhakthulu, Kaikolan or Kaikala (Sengundam or Sengunther)
10. Karnabhakthulu
11. Kuruba or Kuruma
12. Nagavaddilu
13. Neelakanthi
14. Patkar (Khatri)
15. Perika (Perikabalija, Puragirikshatriya)

16. Nessi or Kurni
17. Padmasali (Sali, Salivan, Pattusali, Senapathulu, Thogata Sali)
18. Srisayana ((**sagidi**)- deleted and added to Sl.No. 4 of Group-B)
19. Swakulasali
20. Thogata, Thogati or Thogataveerakshtriya
21. Viswabrahmin, Viswakarma (Ausula or Kamsali, Kammari, Kanchari Vadla or Vadra or Vadrangi and Silpis)
(Viswakarma added vide G.O. Ms. No. 59 BCW(M1) Dept., Dt. 06.12.1995)
22. Kunchiti, Vakkaliga, Vakkaligara, Kunchitiga of Anantapur Dist. Only vide G.O. Ms.No. 10 BCW(C-2) Dept., Dt. 9-04-2008
23. Lodh, Lodhi, Lodha of Hyderabad, Rangareddy, Khammam and Adilabad Districts only. Included in Vide G.O.MS.No. 22 BC W (C2) Dept., Dt. 4/07/08
24. Bondili (included in vide G.O.Ms. No. 42, B.C.W(C2) Dept., Dt.07/08/2008)
25. Are Marathi, Maratha(Non-Brahmins), Arakalies and Surabhi Natakavallu. (included in vide G.O.Ms. No. 40, B.C.W(C2) Dept., Dt.07/08/2008)
26. Neeli (included in vide G.O.Ms. No. 43, B.C.W(C2) Dept., Dt.07/08/2008).
27. Budubunjala/Bhunjwa/Bhadbhunja, included vide G.O.Ms. No. 11, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Hyderabad and Ranga Reddy District only.
28. Gudia/Gudiya, included vide G.O.Ms. No. 14, Backward Classes Welfare (C2) Dept., Dt. 27/05/2011. The area of operation shall be confined to Srikakulam, Vizianagaram and Vishakhapatnam, district only.

GROUP – C

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

GROUP – D (Other Classes)

1. Agarar
2. Are-Katika, Katika, Are-Suryavamsi(Are-Suryavamsi added vide G.O. Ms. No. 39, B.C. W(C2) Dept., Dt. 7/08/08)
3. Atagara
4. Bhatraju
5. Chippolu (Mera)
6. Gavara
7. Godaba
8. Hatkar
9. Jakkala
10. Jingar
11. Kandra
12. Kosthi
13. Kachi
14. Surya Balija, (Kalavanthulu) Ganika (amended vide G.O.Ms. No. 20, BCW(P2) Dept., Dt. 19.07.1994)
15. Krishanabalija (Dasari, Bukka)
16. Koppulavelama
17. Mathura
18. Mali (Bare, Barai, Marar and Tamboli of all Districts of Telangana Region added as synonyms vide G.O. Ms. No. 3, BCW(C2) Dept., Dt. 09.01.2004 and G.O. Ms. No. 45, B.C.W(C2) Dept., Dt.07/08/2008)
19. Mudiraj / Mutrasi / Tenugollu.
20. Munnurukapu (Telangana)
21. Nagavamsam (Nagavamsa) vide G.O.Ms.No. 53, BC Welfare Dept., dated:19/09/1996
22. Nelli(deleted vide G.O.Ms. No. 43, B.C.W(C2) Dept., Dt.07/08/2008)
23. Polinativelmas of Srikakulam and Visakhapatnam districts
24. deleted vide G.O. Ms.No. 16 Backward Classes Welfare (C2) Dept., dt. 19/02/2009

25. Passi
26. Rangrez or Bhavasarakshtriya
27. Sadhuchetty
28. Satanj (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, Arevally 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/Lingabalija, 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, Singamvallu, 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-Kattuvalu, 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, Deraphakhiru, Bonthala
11. Kureshi/ Khureshi, Khasab, Marati Khasab, Muslim Katika, Khatik Muslim
12. Shaik/ Sheikh
13. Siddi, Yaba, Habshi, Jasi
14. Turaka Kasha, Kakkukotte Zinka Saibulu, chakkitakanevale, Terugadu Gontalavaru, Thirugatiganta, Rollaku Kakku Kottevaru, Pattar Phodulu, Chakketakare, Thuraka Kasha
15. Other Muslim groups excluding Syed, Saiyed, Sayyad, Mushaik; Mughal, Moghal; Pathans; Irani; Arab; Bohara, Bohra; Shia Imami Ismaili, Khoja; Cutchi-Memon; Jamayat; Navayat; and all the synonyms and sub-groups of the excluded groups; and except those who have been already included in the State List of Backward Classes.

- N.B.:
1. The above list is for information and subject to confirmation with reference to G.O. Ms. No. 58, SW(J) Department, dated 12/05/1997 and time to time orders.
 2. On account of any reason whatsoever in case of any doubt/ dispute arising in the matter of community status (SC/ST/BC/OC) of any candidate, subject to satisfaction with regard to relevant rules and regulations in force the decision of the Commission shall be final in all such cases.
