



TAMIL NADU PUBLIC SERVICE COMMISSION

Advertisement No. 593
Notification No. 13/2021

DATED: 24.09.2021

Applications are invited from eligible candidates only through online mode upto 23.10.2021 for direct recruitment to the post of **Architectural Assistant / Planning Assistant** included in the Tamil Nadu Town and Country Planning Subordinate Service.

WARNING

- All recruitments by the Tamil Nadu Public Service Commission are purely merit based.
- The Tamil Nadu Public Service Commission hereby cautions the applicants against touts and agents who may cheat, by making false promises of securing jobs through unfair means.
- The Tamil Nadu Public Service Commission shall not be responsible or liable for any loss that may be caused to any applicant on account of indulging in any sort of dealings with such unscrupulous elements.
- Applicants are solely responsible for their claims in the online application. They cannot blame service providers like internet cafes/browsing centres/Common Service centres for the mistakes made while applying online for recruitment. Applicants are advised to check the filled in online application before finally submitting the same.

எச்சரிக்கை

- தேர்வாணையத்தின் தெரிவுகள் அனைத்தும் விண்ணப்பதாரரின் தர வரிசைப்படியே மேற்கொள்ளப்படுகின்றன.
- பொய்யான வாக்குறுதிகளைச் சொல்லி, தவறான வழியில் வேலை வாங்கித் தருவதாகக் கூறும் இடைத்தரகர்களிடம் விண்ணப்பதாரர் மிகவும் கவனமாக இருக்குமாறு எச்சரிக்கப்படுகின்றனர்.
- இதுபோன்ற தவறான மற்றும் நேர்மையற்றவர்களால் விண்ணப்பதாரருக்கு ஏற்படும் எவ்வித இழப்புக்கும் தேர்வாணையம் எந்தவிதத்திலும் பொறுப்பாகாது.
- இணையவழி விண்ணப்பத்தில் குறிப்பிடப்படும் அனைத்துத் தகவல்களுக்கும் விண்ணப்பதாரரே முழுப் பொறுப்பாவார். விண்ணப்பதாரர், தேர்விற்கு இணையவழியில் விண்ணப்பிக்கும்பொழுது, ஏதேனும் தவறு ஏற்படின், தாங்கள் விண்ணப்பித்த இணையச்சேவை மையங்களையோ/பொதுச் சேவை மையங்களையோ குற்றம் சாட்டக் கூடாது. விண்ணப்பதாரர் பூர்த்தி செய்யப்பட்ட இணையவழி விண்ணப்பத்தினை இறுதியாக சமர்ப்பிக்கும் முன்னர், நன்கு சரிபார்த்தப் பின்னரே சமர்ப்பிக்குமாறு அறிவுறுத்தப்படுகிறார்.

It is mandatory for applicants to register their basic particulars through one - time online registration system on payment of Rs. 150/- (Rupees One hundred and fifty only) towards registration fee and then they should apply online for this recruitment. [The one-time registration will be valid for five years from the date of registration. Thereafter, the registration should be renewed by paying the prescribed fee.] **One Time Registration will not be considered as an application for any post.**

Details of vacancies:

Name of the post	Name of the service	No. of vacancies	Scale of pay
Architectural Assistant / Planning Assistant (Post Code No. 2108)	Tamil Nadu Town and Country Planning Subordinate Service (Service Code No. 066)	4	Rs.37,700 – 1,19,500 (Level 20) (Revised scale)

Unless and otherwise specified, the number of vacancies notified is approximate and is liable to modification as indicated in **para.11-A of 'Instructions to Applicants'**.

2. DISTRIBUTION OF VACANCIES

The rule of reservation of appointments is applicable for this recruitment and the distribution of vacancies for the post will be announced later.

3. IMPORTANT DATES AND TIME:

Date of Notification		24.09.2021
Last date for submission of online application		23.10.2021
Date of written examination		
Architectural Assistant / Planning Assistant	Paper-I : Subject papers	08.01.2022 10.00A.M. to 01.00 P.M.
	Paper-II : General Studies (Degree Standard)	08.01.2022 03.00P.M. to 05.00 P.M.

Note:-

The above paragraph in the notification will be modified subject to Government Orders received if any from the Government.

Refer **Annexure-V** of this notification regarding tentative timeline for the recruitment process.

4. QUALIFICATIONS:**(A) AGE LIMIT (as on 01.07.2021):**

Sl. No.	Category of Applicants	Maximum Age
1.	SCs, SC(A)s, STs, MBC(V)s, MBCs and DNCs, MBCs, BC(OBCM)s, BCMs and Destitute Widows of all categories.	No Age limit
2.	'Others' [i.e. candidates not belonging to SCs, SC(A)s, STs, MBC(V)s, MBCs and DNCs, MBCs, BC(OBCM)s and BCMs]	30 years.* (Should not have completed)

Note: * In G.O (Ms).No.91, Human Resources Management (S) Department, dated 13.09.2021, Maximum Age Limit has been increased from 30 to 32 years.

Explanation: No maximum age limit shall mean that the applicants should not have completed 60 years of age either on the date of notification or at the time of selection /appointment to the post.

Note

"Others" [i.e., Applicants not belonging to SCs, SC(A)s, STs, MBC(V)s, MBCs and DNCs, MBCs, BC(OBCM)s, BCMs] who have put in five years and more of service in the State/Central Government are not eligible even if they are within the age limit. (For further details refer to [para 3\(F\) of "Instructions to Applicants", Section 3\(r\) of Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016](#))

AGE CONCESSION:

(i) For Persons with Benchmark Disability :

Persons with Benchmark Disability are eligible for age concession upto 10 years over and above the maximum age limit prescribed.

[\(Section 64 of the Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016\)](#)

(ii) For Ex-servicemen :

a) The maximum age limit for ex-servicemen is 50 years.

[\(Section 63 of the Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016\)](#)

b) The above mentioned age concession **will not apply** to the ex-servicemen applicants who have already been recruited to any class or service or category.

[\(Section 3\(j\) of the Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016\)](#)

(B) EDUCATIONAL QUALIFICATION (as on 24.09.2021)

Applicants should possess the following or its equivalent qualification awarded by any University or Institution recognized by the University Grants Commission:

- | |
|---|
| <p>(i) Must Possess a Degree of Master of Town Planning or its equivalent
(or)
(ii) Associate Membership of the Institute of Town Planners of India or Institute of Architects of India
(or)
(iii) A Degree in Civil Engineering
(or)
(iv) A Degree in Architecture
(or)
(v) An A.M.I.E (Civil) (i.e.,) Associate Member of the Institute of Engineers (India)</p> |
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Note:

- (i) The qualification prescribed for the posts should have been obtained by passing the required qualification in the following order of studies: 10th + HSC or its equivalent + Bachelor's degree + P.G. degree as required under Section 25 of the Tamil Nadu Government Servants (Conditions of Service) Act, 2016. Results of the examination should have been declared on or before the date of notification. [\(Section 20\(4\)\(iv\) of the Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016\).](#)

- (ii) [The qualifications considered equivalent are indicated in Annexure-II to this notification.](#)

- (iii) Applicants claiming equivalence of qualification to the prescribed qualification should upload and submit evidence for equivalence of qualification, in the form of government order issued on or before the date of this notification, and produce it when called for, failing which, their application **will be summarily rejected**. The government orders regarding equivalence of qualification issued after the date of this notification will not be accepted. (For further details regarding equivalence of qualification refer note under para.9 of the ["Instructions to Applicants"](#)).

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(C) CERTIFICATE OF PHYSICAL FITNESS:

Applicants selected for appointment to the said post will be required to produce a certificate of physical fitness in the form prescribed below. The model format is enclosed with **Annexure IV** of the notification. **The said Certificate should be submitted by the selected candidate to the Appointing Authority at the time of joining to the said post.**

Standard of vision	Certificate of physical fitness
Standard II or better	Form prescribed for executive post

Applicants with defective vision should produce eye fitness certificate from a qualified eye specialist working in Government Hospital.

(D) KNOWLEDGE IN TAMIL

Applicants should possess adequate knowledge in Tamil. (For further details refer para 14(I) of 'Instructions to Applicants'.)

5. FEES:

a)	Registration Fee For One Time Registration (G.O.(Ms).No.32, Personnel and Administrative Reforms (M) Department, dated 01.03.2017). Note Applicants who have already registered in One Time online Registration system and are within the validity period of 5 years are exempted.	Rs.150/-
b)	Examination Fee Note The Examination fee should be paid at the time of submitting the online application for this recruitment if they are not eligible for the concession noted below.	Rs.150/-

Note:

- (i) Linking Aadhaar number with One Time Registration (OTR) is mandatory for applicants. [For further details refer para 2B of 'Instructions to Applicants'.]

(ii) One Time Registration is valid for five years from the date of registration. After completion of five years, the applicant must renew the One Time Registration by paying the fee prescribed. The One Time Registration is different from the application for the examination. An applicant should make an online application separately for each and every examination for which he intends to appear. [Para 2C of 'Instructions to Applicants'.]

(iii) Applicants who had already registered under One-Time Registration system by paying Rs.50/- before 01.03.2017 and having validity and those who have registered for One-Time Registration on or after 01.03.2017 by paying Rs.150/- towards One-Time Registration are exempted from paying the registration fee for this recruitment.

EXAMINATION FEE CONCESSIONS:

	Category	Concession
(i)	Scheduled Castes/ Scheduled Caste (Arunthathiyars)	Full Exemption
(ii)	Scheduled Tribes	Full Exemption
(iii)	Most Backward Classes(V), Most Backward Classes and Denotified Communities, Most Backward Classes	Three Free Chances
(iv)	Backward Classes (Other than Muslim) / Backward Classes (Muslim)	Three Free Chances
(v)	Ex-Servicemen	Two Free Chances
(vi)	Persons with Benchmark Disability	Full Exemption
(vii)	Destitute Widow	Full Exemption

Note:

(i) The total number of free chances availed, will be calculated on the basis of claims made in previous applications.

(ii) The number of free chances availed by the applicant may be verified by the Commission at any stage of the selection process.

(iii) In case an applicant who makes a false claim for exemption from payment of application fee by suppressing information regarding his previous application(s) his candidature shall be rejected and he shall be debarred for a period of one year from appearing for examinations and selections conducted by the Commission.

(iv) Applicants are directed to carefully choose the options 'Yes' or 'No' regarding availing the fee concession. The choice made, cannot be modified or edited after successful submission of online application.

(v) Applicants are advised in their own interest, to keep an account of the number of times fee concession has been availed, irrespective of the information displayed in the <Application History> of the applicant dashboard.

(vi) An application (irrespective of the post applied for) claiming fee concession will operate to exclude one chance from the number of free chances allowed.

(vii) Applicants who have availed the maximum number of free chances permitted / applicants who do not wish to avail of the fee concession / applicants who are not eligible for fee concession, shall choose the option 'No' against the query regarding fee concession. Such applicants shall thereafter pay the requisite fee through the prescribed mode of payment.

(viii) Failure to pay the prescribed fee along with the online application, will result in the rejection of application. (for further details regarding examination fee concessions refer to Para 6 of 'Instructions to Applicants')

6. MODE OF PAYMENT OF EXAMINATION FEE:

- Written Examination fee of Rs.150/- (Rupees One hundred and fifty only), is payable by online through Net Banking / Credit card / Debit card on or before the date of submission of online application by choosing the option in the online application.
- Applicants have also to pay the service charges as applicable.
- Applicants can avail exemption from paying examination fee as per eligibility criteria.
- **Offline mode of payment in the form of demand draft / postal order etc. will not be accepted and the applications forwarded with such modes of payment will be summarily rejected.**
- Those who have registered in the One-Time Registration system and paid the registration fee of Rs.150/- and received the registration ID need not pay the Registration fee i.e., Rs.150/- and it is enough to pay the examination fee alone.
- Applicants who have made One-Time Registration must pay the prescribed examination fee for this recruitment unless fee exemption is claimed (One-Time Registration is only to avail exemption for Registration fee for a period of 5 years from the date of registration and it will not be considered as prescribed examination fee for this recruitment).

(For further details regarding the Examination fee, refer para. 2(V) of "Instructions to Applicants").

7. CONCESSIONS:

- (i) Concessions in the matter of age and/or examination fees allowed to SCs, SC(A)s, STs, MBC(V)s, MBCs and DNCs, MBCs, BC(OBCM)s, BCMs, Destitute Widows, Persons with Benchmark Disability and Ex-servicemen are given in [paras. 3D, 5 and 6 of the 'Instructions to Applicants'](#).
- (ii) Persons claiming concessions referred to above and other claims made in the application have to produce evidence for such claims when called for, otherwise their application will be rejected after due process.

Note:

In all cases, an **ex-serviceman once recruited** to a post in any class or service or category, **cannot claim the concession** of being called an ex-serviceman for his further recruitment. (Section 3(j) of the Tamil Nadu Government Servants (Conditions of Service) Act, 2016).

8. SCHEME OF EXAMINATION: OBJECTIVE TYPE (OMR METHOD) AND ORAL TEST:

Subject	Duration	Maximum marks	Minimum qualifying marks for selection	
			SCs, SC(A)s, STs, MBC(V)s, MBCs and DNCs, MBCs, BC(OBCM)s & BCMs	Others
i. Paper –I Any one of the following subjects:- (200 Questions) 1. Town Planning (P.G.Degree Standard) (Code No.326) 2. Architecture (Degree Standard) (Code No.324) 3. Civil Engineering (Degree Standard) (Code No.262)	3 Hours	300	171	228
ii. Paper - II (General Studies) (100 questions) (Code No:003) General studies (Degree standard) – 75 questions and Aptitude and mental ability test (SSLC standard) - 25 questions	2 Hours	200		
iii. Interview and Records		70		
Total		570		

Note:

- The above paragraph in the notification will be modified subject to Government Orders received if any from the Government.
- The question paper in the subjects Town Planning and Architecture will be set in English only and the question paper in the subject Civil Engineering will be set both in English and Tamil. The questions in General Studies Paper-II will be set both in Tamil and English. Candidates should choose and specify in the

application, only the prescribed subject in which they have obtained the educational qualification for appearing to the examination.

- c) Refer to para. 17 of "[Instructions to Applicants](#)" with regard to Instructions to be followed while appearing for competitive Examinations conducted by the Commission.
- d) The syllabus for written examination is available in [Annexure-III](#) to this Notification.

9. SELECTION PROCEDURE:

Selection will be made in two successive stages i.e., (i) Written Examination and (ii) Oral Test in the shape of an interview. The final selection will be made on the basis of the total marks obtained by the applicants at the written examination and oral test taken together subject to the rule of reservation of appointments. Applicants' appearance in the written examination and oral test is compulsory. The applicant who has not appeared for any of the subjects in the written examination or Oral Test will not be considered for selection, even if he/she secures the minimum qualifying marks for selection. (For further details refer to para 18(B) of the 'Instructions to Applicants').

Note:-

The above paragraph in the notification will be modified subject to Government Orders received if any from the Government.

10. CENTRES FOR EXAMINATION:

The examination will be held at the following centres.

Sl.No.	Name of the Centre	Centre Code
1.	Chennai	0101
2.	Madurai	1001
3.	Coimbatore	0201
4.	Tiruchirapalli	2501
5.	Tirunelveli	2601
6.	Salem	1701
7.	Thanjavur	1901
8.	Vellore	2701

Note:

- (i) Applicants should choose any two of the above centres for writing the examination. However, applicants with benchmark disability (differently – abled applicants), shall be permitted to choose only one district centre. (for further details refer para 2(R) of Instructions to Applicants)
- (ii) Request for change of examination centre will not be permitted (For further details refer Para 17(A)(ii) of "[Instructions to Applicants](#)")
- (iii) The Commission reserves the right to increase or decrease the number of examination centres and to re-allot the applicants accordingly.
- (iv) Applicants should appear for the written examinations / certificate verification / oral test at their own expenses.

11. (A) EMPLOYMENT DETAILS

Candidates who are in the service of the Indian Union or a State in India or in the employment of Local Bodies or Universities or Quasi Government Organizations or Public Sector Units constituted under the authority of the Government of India or of a State in India, whether in regular service or in temporary service must inform the Commission of such fact, at the time of applying. Suppression of the fact of employment by candidates shall result in rejection of candidature. [For further details refer para. 14 (P) of "Instructions to Applicants"]

(B) DECLARATION REGARDING CRIMINAL CASES (OR) DISCIPLINARY CASES:

- (i) Candidates who have declared pending criminal or disciplinary cases in their online application, must upload / produce the copy of First Information Report (FIR) or memorandum of charges / show cause notice, as the case may be. Failure to upload / produce such papers when called for, shall result in rejection of candidature.
- (ii) Candidates who have declared conviction in criminal cases or punishment in disciplinary cases, in their online application, must upload / produce the relevant court orders and/or release orders or memorandum of proceedings, as the case may be, when called for. Failure to upload / produce such papers, shall result in rejection of candidature.
- (iii) In case of any criminal case is filed / disciplinary action is taken against or conviction / punishment is imposed on a candidate after submission of the on-line application at any stage of the recruitment process before the completion of entire selection process such candidates should report this fact to the Commission in the next immediate stage when Commission calls for uploading/producing documents. Failure to comply with these instructions shall result in rejection of candidature and debarment for a period of one year.
[Para. 14 (S) of "Instructions to Applicants"]

Any violation of instruction therein will result in rejection of application and forfeiture of his/her candidature.

12. GENERAL INFORMATION:

- (A) The rule of reservation of appointments is applicable to this recruitment.

(B) Person Studied in Tamil Medium

- (i) As per Section 2(d) of the Tamil Nadu Appointment on preferential basis in the services under the State of Persons Studied in Tamil Medium Act, 2010, as amended by Act 35 of 2020, **Person studied in Tamil medium means a person who has studied through Tamil medium of instruction upto the educational qualification prescribed for direct recruitment in the rules or regulations or orders applicable to any appointment in the services under the State.**

(ii) Candidates claiming to be Persons studied in Tamil Medium (PSTM) must upload / produce evidence for the same in the form of SSLC, HSC, Transfer Certificate, Provisional Certificate, Convocation Certificate, Degree Certificate, PG Degree Certificate, Mark Sheets, Certificate from the Board or University or from the Institution, as the case may be, with a recording that he/she had studied **the entire duration of the respective course(s) through Tamil Medium of instruction.**

(iii) Candidates must upload / produce documents as evidence of having studied in the Tamil medium, all educational qualification upto the educational qualification prescribed.

Example:

If the prescribed educational qualification is Degree, then the candidate should have studied the SSLC, Higher Secondary Course and Degree through Tamil Medium of instruction.

If the prescribed educational qualification is Post-Graduate Degree, then the candidate should have studied the SSLC, Higher Secondary Course, Degree and the Post-graduate degree through Tamil medium of instruction (Refer para 14(R) (iii) example(d) of Instructions to Applicants.

(iv) If no such document as evidence for 'PSTM' is available, a certificate from the Registrar / Principal / Head Master / Controller of Examinations / Director of the Educational Institution, as the case may be, in the prescribed format must be uploaded / produced, for each and every educational qualification up to the educational qualification prescribed.

(v) Failure to upload / produce such documents as evidence for 'Persons Studied in Tamil Medium' for all educational qualification up to the educational qualification prescribed, shall result in the rejection of candidature after due process.

(vi) Documents uploaded / produced as proof of having studied in Tamil medium, for the partial duration of any course / private appearance at any examination, shall not be accepted and shall result in the rejection of candidature.

[\(For further details refer to para. 14 \(R\) of the "Instructions to Applicants"\)](#)

(C) The selection for appointment to the said posts is purely provisional subject to the final orders in the writ petitions, if any, pending on the files of the Hon'ble High Court of Madras and its Madurai Bench.

(D) [As per Sections 26 and 27\(c\) of the Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016](#), reservation of appointment to "Destitute Widows" and "Ex-servicemen" will not apply to this recruitment.

(E) PERSONS WITH BENCHMARK DISABILITY :

As per G.O. (Ms.) No. 20, Welfare of Differently Abled Persons (DAP.3.2) Department, dated 20.06.2018, the said post has been identified as suitable for differently abled persons with the following disabilities – **LV, HH, LD (OA,OL), AC, LC, DF** [LV- Low vision, HH- Hard of hearing, LD- Loco-motor disability (OA- One Arm, OL-One Leg), AC-Acid attack victims LC- Leprosy cured, DF-Dwarfism].

- (F) Persons with Benchmark Disability should submit / upload a copy of Disability Certificate in the format prescribed in the Rights of Persons with Disabilities Rules, 2017 [Department of Empowerment of Persons with Disabilities (Divyangjan), Ministry of Social Justice and Empowerment, Government of India] and issued by the competent authority defined in GO Ms. No. 28, Welfare of Differently Abled Persons (DAP 3.1), dated 27.07.2018.

[For further details refer Para. 14 (M) of "Instructions to Applicants"]

- (G) If no qualified and suitable women applicants are available for selection against the vacancies reserved for them, those vacancies will be filled by male applicants belonging to the respective communal categories. (Section 26(5) of the Tamil Nadu Government Servants (Conditions of Service) Act, 2016).
- (H) Wherever vacancies are reserved for Arunthathiyars on preferential basis, even after filling the vacancies reserved for SC (Arunthathiyars) on preferential basis, if more number of qualified Arunthathiyars are available, they shall be entitled to compete with the Scheduled Castes other than Arunthathiyars in the inter-semerit among them and if any posts reserved for Arunthathiyars remain unfilled for want of adequate number of qualified applicants, it shall be filled by Scheduled Castes other than Arunthathiyars. (Section 27 of the Tamil Nadu Government Servants (Conditions of Service) Act, 2016).
- (I) **Evidence for all the claims made in the online application should be uploaded / submitted in time when documents are called for. Any subsequent claim made after submission of online application will not be entertained. Failure to upload / submit the documents within the stipulated time limit will entail rejection of application after due process.**
- (J) Suppression of following material information in the online application regarding (i) free chances availed (ii) Employment in the Service of the Indian Union or a State in India or in the employment of Local Bodies or University or Quasi Government Organization or Public Sector units constituted under the authority of the Government of India or of a State in India in regular service or temporary service (iii) Wilful suppression of criminal cases / disciplinary action pending / punishments if any, against the applicant (iv) violation of undertaking given by the applicant in the online application etc,. may invite suitable penal action including debarment for a specific period as decided by the Commission for various recruitments/ selections conducted by the Commission, besides rejection of application.
- (K) Correct and true information regarding arrest, convictions, criminal or any disciplinary proceedings initiated / pending or finalised, debarment / disqualification by any recruiting agency, participation in agitation or any political organisation, candidature in election for Parliament / State Legislature / Local Bodies etc, if any, should also be furnished to the Commission at the time of application.

The details thereof, i.e. originals of the judgement / order / G.O. dropping further action in the departmental proceedings or any document that may prove the suitability of such applicants for appointment in such cases must be produced at the stage / time of certificate verification without fail. All such events that occur after the submission of application and till the date of his / her selection and appointment shall be reported to the Commission forthwith. Failure to report on the part of the applicant will be considered as suppression of material information and will attract suitable penal action.

(L) Incomplete applications and applications containing wrong claims or incorrect particulars relating to category of reservation / eligibility / age /gender / communal category / educational qualification / medium of instruction / physical qualification / other basic qualifications and other basic eligibility criteria will be summarily rejected after due process.

(M) One Time Registration is not an application for any post / recruitment. Though the details/particulars have already been furnished by the applicants under One Time Registration system, **the claims made in the online application for this recruitment alone will be taken into consideration.** The Commission will not be responsible for any consequences arising out of furnishing of incorrect and incomplete details in the application or omission to provide the required details in the application for this recruitment.

(N) Refer **Annexure-I** of this notification regarding determination of community and reservation in employment for Third Gender.

(O) Determination of Community for Third Gender:

(i) The Third Gender candidates, who do not possess any community certificate may choose to be considered under Most Backward Classes as per G.O.(Ms) No.28, Backward Classes, Most Backward Class and Minorities Welfare Department, dated 06.04.2015 or under 'others'.

(ii) The Third Gender candidates who belong to Scheduled Caste/ Scheduled Caste (Arunthathiyar)/ Scheduled Tribe communities and possess community certificate as such, shall be considered as per their respective community.

(iii) The Third Gender candidates who belong to the communities other than Scheduled Caste/ Scheduled Caste (Arunthathiyar) / Scheduled Tribe and possess community certificate as such are permitted to choose to be considered as belonging to their own community or as Most Backward Class whichever is advantageous to them, at the time of One Time Registration itself. Once the individual opts to be considered as a particular community, it shall be crystallized and this option shall not be changed in future. [Refer Para. 14 (F) (vi – xi) of "Instructions to Applicants"].

(P) Reservation in Employment for Third Gender:-

(i) The Third Gender candidates who identify themselves as 'Female' shall be considered against both 30% reservation for women as well as 70% reservation for the General category (both Men & Women).

(ii) The Third Gender candidates, who identify themselves as 'Male' or 'Transgender', shall be considered against the 70 % reservation for General category (both Men & Women).

The above concessions shall be granted subject to production of certificate identifying them as Third Gender or Third Gender (Male) or Third Gender (Female), as the case may be, issued by the Tamil Nadu Third gender Welfare Board (TNTGWB)."

13. OTHER IMPORTANT INSTRUCTIONS:

- a) **Applicants should ensure their eligibility for the examination.** Before applying for / appearing for the examination, the applicants should ensure their eligibility for such examination and that they fulfil all the conditions in regard to age, educational qualifications, number of chances for fee concession, etc., as prescribed by the Commission's notification. Their admission to all stages of the examination will be purely provisional, subject to their satisfying the eligibility conditions. Mere admission to the written examination / certificate verification / oral test / counselling or inclusion of name in the selection list will not confer on the candidates any right to appointment. The candidature is therefore, provisional at all stages and the Commission reserves the right to reject candidature at any stage, even after selection has been made, if a wrong claim or violation of rules or instructions is confirmed.

[Refer Para. 11 (B) (C) and (D) of "Instructions to Applicants"]

- b) The memorandum of admission (hall ticket) for eligible applicants will be made available in the Commission's website **www.tnpscexams.in** / **www.tnpsc.gov.in** for downloading by applicants. The memorandum of admission will **not** be sent by post. The applicants must comply with each and every instruction given in the memorandum of admission.

[Refer in Note (g) under Para 2(V) of "Instructions to applicants"]

- c) Applicants requiring clarification, can contact the office of the Tamil Nadu Public Service Commission in person or over the Toll-Free No.1800 419 0958 on all working days between 10.00 am and 5.45 pm. Queries relating to One Time Registration/ online application may be sent to helpdesk@tnpscexams.in. Other queries may be sent to contacttnpsc@gmail.com. [Refer in Note (h),(i),(j) under Para 2(V) of "Instructions to applicants"]

- d) **COMMUNICATION TO APPLICANTS:** Individual communication regarding the date and time of certificate verification, oral test and counselling (as applicable) will not be sent to the applicants by post. The details will be made available on the Commission's website. Applicants will be informed of the above fact only through SMS and e-mail and they should watch the Commission's website in this regard. Commission is not responsible for non-delivery of SMS/e-mail due to any reasons.

- e) ***During the process of recruitment from Notification till completion of selection process, no information under Right to Information Act, CM cell petitions, GRC would be furnished.***

- f) **MOBILE PHONES AND OTHER ARTICLES BANNED :**

- i) Except the permitted writing material (Black ball point pen), applicants are not allowed to bring cellular phones, electronic or any other type of calculators, watches and rings with inbuilt memory notes, recording devices either as a separate piece or part of something used by the applicant such as watch or ring etc or any other electronic devices and non - electronic

devices such as P&G design data book, mathematical and drawing instruments, log tables, stencils of maps, slide rules books, notes, loose sheets, rough sheets, hand bags etc., into the examination hall / room.

- ii) If they are found to be in possession of any such things or instruments, they will not be allowed to write the examination further, besides invalidation of answer paper and / or debarment. If it is considered necessary, they will be subjected to thorough physical search including frisking on the spot.
 - iii) Applicants are advised, in their own interest, not to bring any of the banned items including mobile phones to the venue of the examination, as arrangements for safekeeping of the same cannot be assured. (For further details refer Para 17-E to ["Instructions to Applicants"](#)).
- g) Unless specific instruction is given, applicants are not required to submit along with their application any certificates (in support of their claims regarding age, educational qualifications, physical qualification, community, physical disability etc.,) which should be submitted when called for by the Commission. Applicants applying for the examination should ensure that they fulfil all the eligibility conditions for admission to the examination. Their admission at all the stages of examination for which they are admitted by the Commission will be purely provisional, subject to their satisfying the prescribed eligibility conditions. **If, on verification at any time before or after the written examination / certificate verification / oral test , it is found that they do not fulfil any of the eligibility conditions, their candidature for the recruitment will be rejected summarily by the Commission.**
- h) If any of their claims is found to be incorrect, it will lead to rejection of their candidature and suitable penal action including debarment.
- i) **UNFAIR MEANS STRICTLY PROHIBITED:** No applicant shall copy from the papers of any other applicant or permit his / her papers to be copied or give or attempt to give or obtain or attempt to obtain irregular assistance of any description.
- j) **CONDUCT IN THE EXAMINATION HALL:** No applicant should misbehave in any manner or create a disorderly scene in the examination hall or harass the staff employed by the Commission for the conduct of the examination. Any such misconduct will be viewed seriously and penalised.
- k) For violation of "Instructions to Applicants" in any manner, suitable penalty will be imposed as per [Para 17-E to "Instructions to Applicants"](#) or as deemed fit by the Commission.
- (l) Tentative answer keys will be hosted in the Commission's website within 3 days from the date of conduct of objective type examination. Candidates can challenge the tentative answer keys of the objective type examination through the 'Answer Key Challenge' window available in the Commission's website [Results → Answer Keys].

Representations, if any, challenging the tentative answer keys shall be submitted only through online mode **within seven days from the date of publication of tentative answer keys**. Representations received by post or e-mail will receive no attention.

Detailed instructions, procedures to challenge the tentative answer keys have been made available in the Commission's website. Representations made online / offline after the closure of the window will also receive no attention.

The challenges submitted on time, through the online mode, shall be referred to a committee comprising of experts in each subject. The decision on the final answer key shall be made, based on the recommendations of the expert committee and paper evaluation shall commence thereafter.

The Commission shall not publish the final answer key until the completion of the entire selection process.

Requests from candidates for furnishing of their marks or answer paper copy before the completion of the entire selection process, will not be entertained by the Commission.

After conclusion of the entire selection process, complete particulars of all candidates who had applied for recruitment to the post shall be made available on the Commission's website.

[Refer Para 17(D) (v) to (xiii) of "Instructions to Applicants"]

14. HOW TO APPLY:

- 1) Applicants should apply only through online mode in the Commission's websites www.tnpsc.gov.in or www.tnpscexams.in
- 2) "*One Time Registration*" using Aadhaar is mandatory before applying for any post. Applicant should register only once in the One Time Registration by paying Rs.150/- as registration fee. Successfully registered One Time Registration is valid for five years from the date of registration. All the applications should be submitted using the One Time Registration ID and password registered by the applicant.
- 3) To apply under One Time Registration system, applicants should have a scanned image of their photograph, certificates specified, if any, and signature in CD/DVD/Pen Drive to upload the same, as per the specifications given in the guidelines for scanning and uploading of photograph and signature.
- 4) No applicant is permitted to create more than one registration ID under One Time Registration system.
- 5) Applicants should enter the Unique ID and password to view the already available information and update them. They shall not share the ID with any other person or agency.
- 6) One Time Registration is not an application for any post. It is just a collection of information from the applicants and provides a separate dashboard to each applicant to facilitate maintenance of their own profile. Applicants who wish to apply for this recruitment shall click "[Apply](#)" against the recruitment notified in the Commission's website using the same USER ID and PASSWORD given for ONE TIME REGISTRATION.
- 7) Applicants should select the name of the post for which the applicant wishes to apply.

8) Online applications uploaded without the photograph, details of specified documents and signature will be rejected.

9) All the particulars mentioned in the online application will be considered as final and no modifications will be allowed after the submission of the application. Once an application is submitted, no further request for change of details will be entertained. Hence, the applicants are instructed to fill the online application with utmost care and caution as no correspondence regarding change of details will be entertained.

10) **PRINT OPTION:**

- a) After submitting the application, applicants can save / print their application in PDF format.
- b) On entering user ID and password, applicants can download their application and print, if required.
- c) **Applicants need not send the printout of the online application or any other supporting documents to the Commission. Application and all the required certificates will be verified only when the applicants come up for certificate verification.**

For further details refer para 2 of "Instructions to Applicants"

15. UPLOAD OF DOCUMENTS:

Applicants should upload the required documents for proof in respect of all the claims made in the application with reference to this notification as and when called for. If the required certificates are not uploaded by the applicant, within the stipulated time, his/her application will be rejected.

For further details refer para 13 of "Instructions to Applicants"

16. LAST DATE FOR SUBMISSION OF APPLICATION:

Online application can be submitted upto 23.10.2021 till 11.59 p.m., after which the link will be disabled.

(For detailed information, applicants may refer to the "[Instructions to Applicants](#)" at the Commission's website www.tnpsc.gov.in).

DISCLAIMER

“The Government orders relating to Equivalence of qualification are available on the Tamil Nadu Public Service Commission’s website. However, if the applicant possesses an equivalence of qualification other than one mentioned in the Commission’s website and if Government orders to this effect have been issued on or before the date of this notification, applicants should furnish the details of the same while applying and should produce a copy of the Government orders, when called for by the Tamil Nadu Public Service Commission, failing which their application will be rejected. The Government orders regarding equivalence of qualification issued after the date of this notification will not be considered for this recruitment”.

Secretary



Abstract

Social Welfare and Nutritious Meal Programme Department – Third Gender Welfare – Determination of the Community and Reservation in Employment for Third Gender – Orders – Issued.

Social Welfare and Nutritious Meal Programme [SW8 (2)] Department

G.O.(Ms) No.90

Dated 22.12.2017

ஹேவிளம்பி, மார்கழி 7

திருவள்ளூர் ஆண்டு 2048

Read:

1. G.O. (Ms) No.127, Labour and Employment Department, dated 27.10.2014
2. G.O. (Ms) No.28, Backward Classes, Most Backward Class and Minorities Welfare Department, Dated 06.04.2015
3. G.O. (Ms) No.71, Social Welfare and Nutritious Meal Programme Department, Dated 06.11.2015

Read also:

4. From the Secretary, Tamil Nadu Public Service Commission, D.O.Letter No.4471/RND-D2/2013, dated 12.07.2016
5. From the Director of Social Welfare, Letter Roc.No.21096/WW.1(3)/2017, dated 31.07.2017

ORDER:-

In the Government Order first read above, orders were issued that Third Gender may register their names in Employment Exchange offices based on the certificate identifying them as Transgender issued by the Tamil Nadu Transgender Welfare Board (TGWB) and to sponsor their names for appointment in the vacancies reserved for women category namely 30% and as well as vacancies reserved for General Category (both Men and Women) namely 70%.

2. In the Government Order second read above, orders were issued classifying the "Transgender of Eunuch (Thirunangai or Aravani)" as Most Backward Class by including at Sl.No.36-C in the list of Most Backward Classes.

3. In the Government Order third read above, among other things orders were issued, that Transgender will be identified as 'Third Gender' apart from the Binary Gender System and they have the right to decide their self-identified gender as male or female or as the third gender.

4. The Secretary, Tamil Nadu Public Service Commission in the D.O. letter fourth read above has sought for following clarifications in this matter with regard to:-

- (i) Considering the Transgender under 30% reservation for Women

- (ii) Treating the Transgender candidates who have claimed communal status under Scheduled Caste/ Scheduled Caste (A)/ Scheduled Tribe by producing respective Community Certificate confirming their claim.

5. After careful examination, in consultation with the concerned departments and the Director of Social Welfare, the Government hereby issue the following order regarding the determination of community and reservation in employment for the Third Gender in order to streamline the procedures to be followed by the recruiting agencies like Tamil Nadu Public Service Commission, Teachers Recruitment Board, Uniformed Services Recruitment Board, Medical Recruitment Board, etc., and Employment Exchange offices / appointing authorities, in sponsoring / recruiting / selecting the Third Gender candidates for appointment in Government Service:-

Determination of the Community:-

- (i) The Third Gender candidates, who do not possess any community certificate may be considered under Most Backward Class as per G.O.(Ms).No.28, Backward Classes, Most Backward Class and Minorities Welfare Department, dated 06.04.2015.
- (ii) The Third Gender candidates who belong to Scheduled Caste/Scheduled Caste (A)/Scheduled Tribe communities, and possess community certificate as such, may be considered as per their respective community.
- (iii) The Third Gender candidates who belong to the communities other than Scheduled Caste/Scheduled Caste (A)/Scheduled Tribe and possess community certificate as such (not covered under point (i) above) may be considered as per their own community or as Most Backward Class whichever is advantageous to them as per their option and once the individual exercises option for community selection it should be crystallized and this option should not be changed in future.

Reservation in Employment:-

- (i) The Third Gender candidates who identify themselves as "Female" by self-declaration supported by the certificate (ID card) issued by the Tamil Nadu Third Gender Welfare Board (TNTGWB) may be considered against both 30% reservation for women as well as 70% reservation for the General category (both Men & Women).
- (ii) The Third Gender candidates, who identify themselves as "Male" or "Third Gender", may be considered against the 70% reservation for General category (both Men & Women) as the case may be.

The above concessions may be granted subject to production of certificate identifying them as Third Gender or Third Gender (Male) or Third Gender (Female) issued by the Tamil Nadu Third Gender Welfare Board (TNTGWB), as the case may be.

(By Order of the Governor)

K. Manivasan,
Principal Secretary to Government

To
The Director of Social Welfare, Chennai-15
The Commissioner of Social Defence, Chennai-10

The Director, Integrated Child Development Services Scheme, Chennai-113
 The Secretary, Tamil Nadu Public Service
 Commission, Chennai-3

✓ All District Collectors

All Departments of the Secretariat, Chennai-9

The Commissioner of Backward Classes and Minorities Welfare, Chennai-5

The Director of Most Backward Class and Denotified Communities, Chennai-5

The Director of Adi Dravidar Welfare, Chennai-5

The Director of Tribal Welfare, Chennai-5

The Member Secretary, Tamil Nadu Backward Classes Commission, Chennai-4

The Teacher Recruitment Board, Chennai-6

The Tamil Nadu Uniformed Services Recruitment
 Board, Chennai-8

The Medical Services Recruitment Board, Chennai -6

The Director of Employment and Training, Chennai-32

The Secretary to Government of India, Ministry of Social
 Justice and Empowerment, New Delhi

Copy to:

The Hon'ble Chief Minister's Office, Chennai-9

The Senior Personal Assistant to the Minister for Social Welfare and Nutritious Meal
 Programme, Chennai-9

All Sections in Social Welfare and Nutritious Meal Programme Department, Chennai-9

Stock file/Spare copy

// Forwarded by Order //

V. T. Ganga
 Section Officer

27.12.17

4/5

ANNEXURE-II

Sl.No	Equivalence Degree	G.O
1.	B.E.(Civil and Transportation Engineering) awarded by Bharathiyar University be equivalent to B.E.(Civil Engineering).	G.O.(Ms)No.110, Public Works (B2) Department, dated 30.04.2008.
2.	B.E.(Civil Engineering with Diversification in Construction Engineering and Management) awarded by Anna University, B.E.(Civil Engineering and Computer based construction) awarded by Anna University and Madurai Kamaraj Universities and B.E.(Civil Engineering with Diversification in Environmental Engineering) awarded by the Anna University, be equivalent to B.E.(Civil Engineering).	G.O.(Ms)No.232, Public Works (B2) Department, dated 23.07.2008.
3.	B.Sc., (Civil Engineering) awarded by Kurukshetra University as equivalent to B.E.(Civil Engineering)	G.O.(Ms)No.260, Public Works (B2) Department, dated 15.11.2009.
4.	B.E (Civil and Structural Engineering) is equivalent to B.E (Civil Engineering)	G.O.(Ms)No.102, Agriculture (AA3) Department, dated 11.05.2010.
5.	1. B.E (Environmental Engineering) Avinasilingam Institute for Home Science and Higher Education for Women Deemed University is Equivalent to B.E (Civil Engineering) 2. B.E(Civil Engineering with Diversification in Building Technology Anna University is equivalent to B.E (Civil Engineering)	G.O.(Ms)No.178, Higher Education (J1) Department, dated 17.07.2015.
6.	B.Tech (Civil) (Part-time) obtained from Vellore Institute of Technology, Vellore is equivalent to B.E(Civil) (Regular)	G.O.(Ms)No.77, Higher Education (J2) Department, dated 03.03.2016.
7.	Government of India has recognized The following course of Section A & B Examination as revised, conducted by the Institution of Engineers (India), Kolkata as equivalent to Degree in the Appropriate branch of Engineering of the Recognized Universities in India. Civil Engineering	The Gazette of India, February 11,2006(MAGHA 22, 1927) Part-I– Section1

ANNEXURE – III
SYLLABUS FOR WRITTEN EXAMINATION
TOWN PLANNING

Paper-I

(P.G. DEGREE STANDARD)

SUBJECT CODE:326

UNIT – I: INTRODUCTION TO PLANNING – SCOPE AND CONTENT

Planning System in India, Introduction to Master Plan, Structure Plan, Detailed Development Plans, City Corporate Plan and Smart City Plan. New Town concepts, case studies in India & U.K. – Concept of Region, Types of Region, Regionalization – Evolution of Regional Planning. Institutional framework for Regional Planning – Regional disparities, Resources in Regional development. Multi-level Planning – Regional Planning in India, Regional Plan case Studies, USA, U.K., Japan.

UNIT – II: PLANNING THEORY AND TECHNIQUES

Process of evolution of human settlement planning - Principles in Planning – Rationality in Planning, Blueprint and Process mode, Disjointed Incremental mode of Planning, Normative versus Functional mode of Planning – Type of planning surveys, data identification for various plan preparation. Delphi, Trade off-game, Simulation models, Gravity analysis, Lowry model, Threshold analysis, Multivariate analysis – Optimization and economic analysis methods in project formulation and implementation, PBBS – URDPFI Guidelines.

UNIT – III: URBAN SOCIOLOGY, ECONOMICS, GEOGRAPHY: THEORIES AND APPLICATIONS

Socio-economic groups, structures and Institutions as related to urban and rural communities - Ecological processes and structures in Indian Cities - Social Change & Economic Development - Agglomeration economics- Economics of scale, Multiplier effect concept, scope, limitation - Basic and non-basic activities of economics base, methods of base identification - Land-use determinants, Locational Dynamics of urban Land-use - Spatial organization of Urban settlements - City-region, Urban Sprawl and Fringe - Urbanization in India and Tamil Nadu with reference to settlements and population distribution.

UNIT – IV: ENVIRONMENTAL ISSUES RELATED TO PLANNING

Components of Environment – Classification of Environmental Resources - Purpose and Objectives in Environmental Protection - Institutional and Legal Support in management of the Environment – Environmental Policies, and issues -Environmental Impact Assessment Practice in India - Types, Conceptual Approach and Phases of EIA – Impact Identification - Public Participation in the Process of Environmental Decision Making Process - Environmental Concepts – Sustainable Planning – Eco Cities, Compact Cities, Smart growth.

UNIT – V: URBAN INFRASTRUCTURE NET WORK PLANNING ISSUES

Obligatory and Discretionary Services, Implication of Urban Form and Size on Services, Norms and Standards, National Building Code, 2016. National and Local guidelines – Demand Strategy, Issues and Tasks, Operation and Management Aspects of each Service - Water Supply, Sewerage / Drainage, Solid Waste Management, Roads and Street Lighting - Priority, Placement Network Options, Effective System Analysis – Private and Public partnership and innovative concepts and practices in Infrastructure Development.

UNIT – VI: PROJECT FORMULATION AND IMPLEMENTATION

Types of Project, Project Cycle, Identification, Selection, Preparation - Capital Investment Programme, Internal Rate of Return, Net present Value - CostBenefit& Analysis, Social Cost Benefit analysis, Budgeting, Tender procedures - Appraisal techniques – Project Proposal and objectives, Current base line conditions, Financial and Economical Appraisal, Socio cultural assessment - Process Monitoring – Key issues, Monitoring Schedule, Data collection, Design, strategy, CPM, PERT - Framework, Impact Evaluation – Approaches, Key issues, Alternative to large scale qualitative Evaluation designs.

UNIT – VII: PLANNING LEGISLATION AND LEGAL FRAMEWORK

The concept of law, Indian Constitution. Rights of Ownership and development of property. Statutory control as a positive tool in plan preparation and implementation - Evolution, scope and Significance of Planning Legislation. History and survey of development of planning legislation in India - Panchayat Act, Municipality Act, Corporation Act, TNULB Act, Land Acquisition, Rehabilitation and Resettlement Act, 2013. Provisions in the above acts related to functions, powers, role and responsibilities of local bodies including elected representatives and officers - 73rd and 74th CAA and their implications on planning and development. Local Body finance, revenue, expenditure and resource mobilization - T & C Planning Act of Tamil Nadu 1971, Urban Development Act - Implications of Land ceiling, betterment levy and development charges .Concept of arbitration. The Tamil Nadu Real Estate (Regulation and Development) Act, 2016.

UNIT – VIII: ISSUES IN TRAFFIC AND TRANSPORTATION PLANNING

Highway classification - Traffic characteristics – Horizontal and Vertical alignment, Land use & Transportation relationships - Sight distance – Crosssectional elements – at grade and Grade separated intersections - Volume Count – Origin and Destination – Parking and Public Transport - Surveys – Inventory of Transport facilities – Methods of Survey – Different modes – Capacities – Limitations – Planning Aspects - Coordination – Para Transit modes – Private transport – Urban Transportation Planning Process – Trip Generation – Trip Distribution – Modal Split – Trip Assignment, Transit Oriented Development, Bus Rapid Transit System.

UNIT – IX: REMOTE SENSING AND G.I.S., IN PLANNING

Basics of Remote Sensing and GIS. - Classification of spatial and non-spatial data application of spatial data in urban and regional planning - Identification of required spatial data layers, Applications of GPS - Coding schemes – digitization of spatial data – editing spatial data usable for the given planning problem – Land use Suitability Analysis, Land use Modeling, Existing Land use Preparation using Mobiles, Use of Satellites, Aerial Photographs, Drones in Physical Planning.

UNIT – X: CURRENT TRENDS AND ISSUES IN PLANNING

Concepts of sustainable urban development, sustainable Transportation, E – Governance – City Development Plans - Business Plans, JNNURM, AMRUT, National Rural Health Mission, Public private partnership, local bodies and urban finance. Land Pooling concept, Transfer of Development Right, Accommodation Reservation, Formulation of Re-development and Urban Expansion Plans - Local Area Plans, Town Planning Schemes - Special Economic Zone, Value Capture Finance Policy Framework – Swiss Challenge Model.

ARCHITECTURE (DEGREE STANDARD)**Paper-I****SUBJECT CODE: 324****UNIT – I: THEORY OF ARCHITECTURE**

- Definition of Architecture, an integration of aesthetics and function
- Elements of Architecture – Form, Space, light, colour, etc.
- Principles of Architecture – Proportion, Scale, balance, rhythm, symmetry, hierarchy, pattern and axis.
- Functional aspects of architecture – site, structure, skin, circulation etc.
- Concepts in Architectural Design
- Understanding the meaning of character & style of buildings with examples
- Design Communication & Graphics

UNIT – II: HISTORY OF ARCHITECTURE & CULTURE

- Egyptian, West Asian, Greek & Roman Architecture – factors influencing the styles, understanding the architectural character with examples
- Buddhist Architecture
- Evolution of Hindu Temple and Architectural contributions of Dravidian, Pallava, Chola, Pandya and Indo-Aryan Periods – Outstanding examples of these periods.
- Development of Indo- Islamic Architecture – Delhi Sultanate, Provincial & Mughal styles
- Modern Architecture – various philosophies & schools of thought in Europe, three generations of modern architects & their contributions
- CIAM, TEAM X, Post Modern Architecture, Deconstruction, High-Tech Architecture, Critical Regionalism
- Architecture of India under Colonial rule
- Post independent architecture of India
- Contemporary World Architecture & Parametric Design

UNIT – III : MATERIALS AND CONSTRUCTION TECHNIQUES

- Properties, characteristics, strengths, manufacturing, components & applications of materials & methods of construction & detailing for the following –
- Stone – Brick & Clay Products – Lime – Cement – Mortar – Timber – Concrete – Ferrous and Non-Ferrous Metals – Glass – Plastics – Asphalt, Sealants & Adhesives – Protective and Decorative Coatings – Surface finishing & flooring materials - Water Proofing and Damps Proofing Materials – Rural Building Materials(Bamboo, Soil, etc.)

UNIT – IV: BUILDING SYSTEMS AND SERVICES – CURRENT DEVELOPMENT & NEW TRENDS

- Water Supply & Plumbing – Sources, treatment & distribution systems Sources of water, Quality of water & treatment methods, water requirements for different building typologies, Distribution of water – Choice of pipe materials, fittings & fixtures, Systems of plumbing in all types of buildings Types of pumps – Reciprocating, centrifugal, deepwell, submersible automatic pumps, sewerage

pump, compressors vacuum pump.

- Waste water & Sewage Disposal

Primary & Secondary treatments – Modern types of sewage treatment plants – Sewer line fixtures, traps, manholes & septic tanks.

- Solid Waste – collection, treatment, disposal & modern drainage systems – Incinerator, Composting, Vermi composting, Sanitary Land fill, Bio-gas system & modern renewable energy systems, Modern plumbing systems – Selection of pumps & construction of pump rooms.

- Electrical & Electronic Systems

Electrical installations in buildings – transformers, switch gears, sub stations Single/Three phase supply - Types of earthing for safety, Conduits laying, Busway & Bus bars, Main and distribution boards - Types of wires, wiring systems and their choice, Planning electrical wiring for building, Communication & data systems – communication spaces, pathways, cabling systems, voice & data, communication, electronic security systems, computer labs/server rooms, etc.

- Lighting Design –Installation & Application in buildings.

- Air conditioning – Systems & Applications

Window, Split & Packaged Units, Centralized a/c system – A/c plants, DX system, Chilled water system, Air cooled & water cooled condensers, Air distribution systems – VAV & VRV systems, Cooling towers, Fan coil units, circulation pumps, trenches & ducting – configuration, sizing & space requirements.

- Vertical Movement systems – Elevators, Escalators & moving walkways – design criteria & installation.

- Fire safety – Fire detection system, Fire alarm system, Fire fighting systems, Dry and wet risers, Automatic Sprinklers, Smoke detectors, NBC guidelines.

- Acoustics – Fundamentals, Building design & construction measures for good hearing & sound reinforcement & surface treatment for interiors.

UNIT – V: HUMAN SETTLEMENTS PLANNING

- Origin of Human settlements In India & the rest of the world – River valley civilizations (Indus Valley, Mesopotamia, Egyptian & Chinese) – Traditional planning principles in India – Vernacular architecture of India – approaches & concepts – Classical & Medieval planning in Europe - Evolution of modern planning concepts – Garden city concept, Neighbourhood concept, Geddesian triad, etc.

- Elements of Human settlements – functions & linkages, Structure & form
- Urban Planning & Renewal – Master planning, Zoning regulations, SEZ, PUD, Urban Renewal Plan, Redevelopment, Rehabilitation & Conservation, JNNURM.
- DCR, CRZ for coastal areas.
- Issues in contemporary Urban planning.

UNIT – VI: URBAN STUDIES – Urban Design, Urban Housing & Conservation

- Urban Design – need, aspects, scope & components of urban space – Historic urban form of Greek, Roman, Mediaeval, Renaissance & Modern & post-modern periods - Indian Urbanism – temple towns, Mughal city form, medieval cities, colonial urbanism, planned capital cities - Theorising & Reading urban space – Image ability & townscape elements, genius loci, collective memory, historic reading of the city & its artefacts by Rossi, social aspects of urban space, gender & class, contribution of Jane Jacobs, William Whyte - Issues of Urban space – URDPFI.

- Housing issues in the Indian Context, Socio-Economic aspects, Housing Standards, Site Planning & Housing Design, Housing Process.

- Conservation – Understanding the need & purpose, definition, Adaptive reuse, International agencies & their role in conservation – Conservation In India – Role of ASI & INTACH – policies & legislations, case studies – craft issues – Conservation practice – listing, documenting, assessing architectural character, structure report & developing guidelines – Urban Conservation – Conservation Planning – TDR, Heritage tourism.

UNIT – VII: ENVIRONMENTAL STUDIES, SITE PLANNING & LANDSCAPE ECOLOGY

- Environment, Ecosystems & bio-diversity – Environmental Pollution, Human population & social issues with relation to the environment – Environmental laws in India.

- Site Planning – Introduction to basic terminologies, Methods of surveying, Instruments & Application, Levelling, Site Drawings, Importance of Site Analysis – On-site & off-site factors, Study of micro climate, Site Diagramming, Site Context, Site planning & Site layout principles.

- Introduction to Landscape Architecture – Elements of Landscape Design – plant material, water & landforms, Garden Design – Japanese, Italian Renaissance & Mughal, Site Planning – Organisation of spaces – circulation, built form and open spaces, site planning and micro climate, site planning for neighbourhood parks, children's play area and campus development – Landscaping of Functional areas – Urban open spaces and principle of urban landscape – Street landscaping, landscape design for waterfront areas and functional areas in urban centers – green roofs and walls.

UNIT – VIII: CLIMATIC DESIGN & ENERGY EFFICIENT ARCHITECTURE

- Climate & Human comfort, Solar Control, Heat flow through materials & building envelope design, Air movement patterns through natural & built forms, Design strategies for different climate types.

- Energy Efficiency – Importance & Significance, Passive Heating & Cooling techniques, case studies, day Lighting & Natural ventilation, Use of Renewable energy systems – Current & future trends.

UNIT – IX: CONSTRUCTION TECHNOLOGY & PROJECT MANAGEMENT

- Construction systems & Practice – Construction methods & equipments, Construction Technology for High-rise buildings, Construction management.
- Project Management – Introduction, Project programming & Critical path method, Cost model analysis, Programming evaluation review technique – PERT network – Computerized Project Management.

UNIT – X: PROFESSIONAL ETHICS & TOOLS FOR PRACTICE

- Architectural profession – Code of conduct & ethics, role of COA & IIA – Architect's Services, Scale of fees, Architectural Competitions - Tender & Contracts – Legal aspects – Important Legislations & current trends.
- Specification – necessity, importance, types & classification – Specification writing - Estimation (Approximate & detailed) – Current trends.
- Drawing & visualization tools – image editing, 2D & 3D modelling, 3D visualization – Photoshop – AutoCad 2000 - Revit - 3D MAX - Sketch up

UNIT I: Building Materials and Construction Practices

Classification, Properties, Uses and Tests for stone, lime, bricks, cement and timber – materials for acoustics and insulation – Classification, construction details and supervision for masonry – DampProofing courses – Shoring, scaffolding and Underpinning – Ventilation and Fire resistant construction.

UNIT II: Engineering survey

Survey – Basic principles- Classification - computation of areas – chain survey – Compass surveying – Plane table survey – Levelling – Fly levelling – L.S and C.S – Contour Volumes – Theodolite survey – Traversing – Heights and Distances – Geodetic Observations-Tacheometry – Triangulation – Field Astronomy - Use of EDM – Global Positioning System - Principles of Photogrammetry - Concepts of Digital Elevation Modelling – Concepts of Remote sensing.

UNIT III :Strength of Materials and Analysis of Structures

Simple stress and strain-elastic constants- relationship - stress and strain in two dimensions, compound stresses- principal stresses- thin and thick cylinders - Bending moments and shear forces in statically determinate beams simple bending theory - flexural shear stress - deflection of flexural members – torsion of circular section - Short and long columns.

Analysis of statically determinate trusses arches and frames - analysis of statically indeterminate structures by slope-deflection and moment-distribution methods - influence lines for determinate and indeterminate structures - basic concepts of matrix methods of structural analysis.

UNIT IV : Concrete and Steel Structures

Working stress and limit states design concepts - design of members subjected to flexure, shear, compression and torsion (beams, columns isolated footings) - basic elements of Prestressed concrete: analysis of beam sections at transfer and service loads – Codal Provisions.

Design of tension and compression members, beams and beam-columns, column bases - Design of bolted and welded connections - simple and eccentric - plate girders and trusses

UNIT V :Geotechnical Engineering

Properties of soils - soil classification –Three phase system and inter-relationships - Compaction - permeability and seepage – soil stresses- Compressibility and Consolidation - Shear strength – Laboratory and in - situ tests.

Sub-surface investigation - scope, drilling bore holes, sampling, penetrometer tests, plate load test – earth pressure theories - stability of slopes - foundation types - foundation design requirements – shallow foundations – Types and Design of isolated and combined footings - bearing capacity - effect of shape, water table and other factors- stress distribution - settlement analysis in sands and clays – deep foundations - pile types, dynamic and static formulae - load capacity of piles in sands and clays.

UNIT VI :Hydraulics and Water Resources Engineering

Hydrostatics - applications of Bernoulli equation, Laminar and turbulent flow in pipes, pipe networks - concept of boundary layer and its growth - flow in channels, Rapidly varied flow - tanks and pipes - hydraulic modeling. Applications of Momentum equation, Kinematics of flow Hydrologic cycle - Rainfall - draw down – recuperation test – well yield. Water resources of Tamil Nadu – Water policy – flood control – drought management

Duty, delta, Estimation of evapo-transpiration - design of lined and unlined canals, alluvial and non-alluvial canals - waterways – Irrigation methods. Irrigation efficiencies. Water quality and standards- tank irrigation- rehabilitation of irrigation works- ground water well irrigation- conjunctive- Cross Drainage works.

UNIT VII :Water Supply and Environmental Engineering

Sources of water and their characteristics - Surface and Groundwater - Development and selection of source -Water quality – Characteristics - Water quality standards – Intakes - Estimation of demand - Unit processes and operations for water treatment - Maintenance of treatment units - Conveyance and distribution systems of treated water - Rural water supply- Advanced water treatment.

Collection of waste water- Design of sewers - Sewage pumping - Characteristics of sewage - Primary, secondary and tertiary treatment of sewage- Sludge disposal - effluent standards - industrial wastewater management – Rural sanitation – solid waste management - Sources and effects of air pollution, monitoring and control of air pollution - Sources and impacts of noise pollution- measurement of noise and control of noise pollution.

UNIT VIII :Transportation Engineering

Different modes of transport and their characteristics Highway planning in India - Road classification - Geometric design of highways. – Traffic surveys- Traffic signs, road markings and traffic signals. Design and construction of bituminous and concrete roads - Drainage of roads - Maintenance of roads.

Railways-Components of permanent way - geometric design - Points & crossings – Track junctions- Signalling Interlocking and train control. Airport planning Components of Airport - Site selection - Airport zoning- Runways – Harbours & Ports - types - components & their functions - Layout of a harbour - Docks - Breakwaters.

UNIT IX: Town Planning and Urban Engineering

Urbanisation- Trends in India-Planning process– stages,type of survey, collection of data- Development of new towns – urban modern and satellite towns - Smart cities - levels of planning – preparation of regional and development plans/master plan national planning development controls - building bye – laws – zoning – town and country planning acts – land acquisition acts – principles of rural development– integral rural development programmes – rural housing – use of low cost materials.

UNIT X :Concrete Technology and Construction Management

Types of concrete – testing of fresh and hardened concrete – mix design – quality control – special concreting techniques - concreting equipments – centering and shuttering – slip and moving forms – construction joints.

Construction management – elements and principles of AOA and AON - Construction planning and scheduling – preparation of different types of schedules – methods of scheduling – CPM – PERT – updating of schedules – time-cost trade off – resource planning- Bar Chart- Inventory Management- Construction Contracts.

Types of estimates - Detailed estimates for different types of buildings- methods of valuation – depreciation – fixation of rent- rate analysis- Quantity estimation

SYLLABUS FOR WRITTEN EXAMINATION Paper-II**GENERAL STUDIES (DEGREE STANDARD)****CODE NO.003****UNIT-I : GENERAL SCIENCE**

- (i) Scientific Knowledge and Scientific temper - Power of Reasoning - Rote Learning Vs Conceptual Learning - Science as a tool to understand the past, present and future.
- (ii) Nature of Universe - General Scientific Laws - Mechanics - Properties of Matter, Force, Motion and Energy - Everyday application of the basic principles of Mechanics, Electricity and Magnetism, Light, Sound, Heat, Nuclear Physics, Laser, Electronics and Communications.
- (iii) Elements and Compounds, Acids, Bases, Salts, Petroleum Products, Fertilizers, Pesticides.
- (iv) Main concepts of Life Science, Classification of Living Organisms, Evolution, Genetics, Physiology, Nutrition, Health and Hygiene, Human diseases.
- (v) Environment and Ecology.

UNIT-II: CURRENT EVENTS

- (i) History - Latest diary of events - National symbols - Profile of States - Eminent personalities and places in news - Sports - Books and authors.
- (ii) Polity - Political parties and political system in India - Public awareness and General administration - Welfare oriented Government schemes and their utility, Problems in Public Delivery Systems.
- (iii) Geography - Geographical landmarks.
- (iv) Economics - Current socio - economic issues.
- (v) Science - Latest inventions in Science and Technology.

UNIT- III: GEOGRAPHY OF INDIA

- (i) Location – Physical features – Monsoon, rainfall, weather and climate – Water resources – Rivers in India – Soil, minerals and natural resources – Forest and wildlife – Agricultural pattern.
- (ii) Transport – Communication.
- (iii) Social geography – Population density and distribution – Racial, linguistic groups and major tribes.
- (iv) Natural calamity – Disaster Management – Environmental pollution: Reasons and preventive measures – Climate change – Green energy.

UNIT – IV: HISTORY AND CULTURE OF INDIA

- (i) Indus valley civilization – Guptas, Delhi Sultans, Mughals and Marathas – Age of Vijayanagaram and Bahmani Kingdoms – South Indian history.
- (ii) Change and Continuity in the Socio – Cultural History of India.
- (iii) Characteristics of Indian culture, Unity in diversity – Race, language, custom.
- (iv) India as a Secular State, Social Harmony.

UNIT-V: INDIAN POLITY

- (i) Constitution of India – Preamble to the Constitution – Salient features of the Constitution – Union, State and Union Territory.
- (ii) Citizenship, Fundamental rights, Fundamental duties, Directive Principles of State Policy.
- (iii) Union Executive, Union legislature – State Executive, State Legislature – Local governments, Panchayat Raj.
- (iv) Spirit of Federalism: Centre – State Relationships.
- (v) Election – Judiciary in India – Rule of law.
- (vi) Corruption in public life – Anti-corruption measures – Lokpal and LokAyukta – Right to Information – Empowerment of women – Consumer protection forums, Human rights charter.

UNIT-VI: INDIAN ECONOMY

- (i) Nature of Indian economy – Five year plan models – an assessment – Planning Commission and Niti Ayog.
- (ii) Sources of revenue – Reserve Bank of India – Fiscal Policy and Monetary Policy – Finance Commission – Resource sharing between Union and State Governments – Goods and Services Tax.
- (iii) Structure of Indian Economy and Employment Generation, Land reforms and Agriculture – Application of Science and Technology in agriculture – Industrial growth – Rural welfare oriented programmes – Social problems – Population, education, health, employment, poverty.

UNIT-VII: INDIAN NATIONAL MOVEMENT

- (i) National renaissance – Early uprising against British rule – Indian National Congress – Emergence of leaders – B.R.Ambedkar, Bhagat Singh, Bharathiar, V.O.Chidambaranar, Jawaharlal Nehru, Kamarajar, Mahatma Gandhi, Maulana Abul Kalam Azad, Thanthai Periyar, Rajaji, Subash Chandra Bose and others.
- (ii) Different modes of Agitation: Growth of Satyagraha and Militant movements.
- (iii) Communalism and partition.

UNIT- VIII : History, Culture, Heritage and Socio - Political Movements in Tamil Nadu

- (i) History of Tamil Society, related Archaeological discoveries, Tamil Literature from Sangam age till contemporary times.
- (ii) Thirukkural :
 - (a) Significance as a Secular literature
 - (b) Relevance to Everyday Life
 - (c) Impact of Thirukkural on Humanity
 - (d) Thirukkural and Universal Values – Equality, Humanism, etc
 - (e) Relevance to Socio - Politico - Economic affairs
 - (f) Philosophical content in Thirukkural

- (iii) Role of Tamil Nadu in freedom struggle - Early agitations against British Rule - Role of women in freedom struggle.
- (iv) Evolution of 19th and 20th Century Socio-Political movements in Tamil Nadu - Justice Party, Growth of Rationalism - Self Respect Movement, Dravidian movement and Principles underlying both these movements, Contributions of Thanthai Periyar and Perarignar Anna.

UNIT – IX : Development Administration in Tamil Nadu

- (i) Human Development Indicators in Tamil Nadu and a comparative assessment across the Country – Impact of Social Reform movements in the Socio - Economic Development of Tamil Nadu.
- (ii) Political parties and Welfare schemes for various sections of people – Rationale behind Reservation Policy and access to Social Resources - Economic trends in Tamil Nadu – Role and impact of social welfare schemes in the Socio - economic development of Tamil Nadu.
- (iii) Social Justice and Social Harmony as the Cornerstones of Socio - Economic development.
- (iv) Education and Health systems in Tamil Nadu.
- (v) Geography of Tamil Nadu and its impact on Economic growth.
- (vi) Achievements of Tamil Nadu in various fields.
- (vii) e-governance in Tamil Nadu.

UNIT-X: APTITUDE AND MENTAL ABILITY

- (i) Simplification – Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM).
- (ii) Ratio and Proportion.
- (iii) Simple interest - Compound interest - Area - Volume - Time and Work.
- (iv) Logical Reasoning - Puzzles-Dice - Visual Reasoning - Alpha numeric Reasoning – Number Series.

ANNEXURE – IV**CERTIFICATE OF PHYSICAL FITNESS BY A SINGLE MEDICAL OFFICER
THE CIVIL MEDICAL BOARD**

Signature of Candidate_____

I/We hereby certify that I/We have examined (full name) Thiru/Thirumathi
/Selvan/Selvi_____a Candidate_____for employment under the Government as _____in the
_____Office in the__________department and whose signature is given above and cannot discover
that he/she has any disease, communicable or otherwise constitutional affliction or
bodily infirmity/except that his/her weight is in excess of/below the standard
prescribed or except.

I/We do not consider this a disqualification for the employment he/she seeks.

His/Her age is according to his/her own statement _____Years and by
appearance about _____Years

I/We also certify that he/she has marks of smallpox/vaccination.

Chest measurement in On full inspiration
On full expiration
Difference expansion

Weight in Kg.

Cardio - Vascular System

Respiratory system

His/Her vision is normal

Hypermetropic/ _____Myopic/ _____Astigmatic/ _____

(Here enter the degree of defect and the strength of correction glasses)

Hearing is normal/defective (much or slight)

Urine - Does chemical examination show-

(I) Albumen

(II) Sugar

State Specific gravity

Personal marks (at least two should be mentioned)

For Identification

1.

2.

Signature:

Rank:

Designation:

President

Members (i)

(ii)

Station:

Station:

Date:

Date:

ANNEXURE - V**TENTATIVE TIMELINE FOR THE RECRUITMENT PROCESS**

Sl. No.	Process	Timeline
1.	Publication of Results	February 2022
2.	Certificate upload for C.V.	March 2022
3.	Certificate Verification	March 2022
4.	Date of Oral Test	April 2022
5.	Counselling	April 2022

Secretary