



TAMIL NADU PUBLIC SERVICE COMMISSION

Advertisement No. 505
Notification No. 18/2018

DATED: 11.09.2018

Applications are invited only through online mode up to 10.10.2018 for Direct Recruitment to the following post :-

Name of the Post	Name of the Service and Code No.	No. of vacancies	Scale of Pay
Architectural Assistant/ Planning Assistant (2007-2015) (Post Code. 2108)	Tamil Nadu Town and Country Planning Subordinate Service (Code No. 066)	13	Rs.37,700 - 119500 /- (Level-20)

It is mandatory for the 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 should apply online for this recruitment. [The One-Time Registration will be valid for 5 years from the date of registration. Thereafter, the registration should be renewed by paying the prescribed fee.]

2. DISTRIBUTION OF VACANCIES

Name of the Post	GT (G)	GT (G) (PSTM)	GT (W)	BC (G)	BC (W)	MBC /DC (G)	MBC /DC (W)	SC (G)	SC (W)	SC(A)(W)(PSTM)	Total
	Architectural Assistant/ Planning Assistant	2	1	1	2	1	2	1	1	1	

Abbreviation:- GT- General Turn - G- General, W - Women; PSTM - Persons Studied in Tamil Medium; Ex-ser – Ex-Servicemen, DW- Destitute Widows, M-Muslim, SC (A) – Scheduled caste (Arunthathiyar).

3. IMPORTANT DATES AND TIME

Date of Notification	11.09.2018
Last date for submission of application	10.10. 2018

Last date for payment of Fee through Bank (State Bank of India or Indian Bank)	12.10.2018	
Date of Written Examination		
Paper-I (Subject papers)	22.12.2018 FN	10.00 A.M. to 01.00 P.M
Paper – II (General Studies)	22.12.2018 AN	02.30 P.M. to 04.30 P.M

4. FEES

a)	<p><u>Registration Fee</u></p> <p>For One-Time Registration (Revised with effect from 01.03.2017 vide G.O.(Ms).No. 32, Personnel and Administrative Reforms Department, dated 01.03.2017)</p> <p>Note :</p> <p>(i) Applicants who have already registered in One-Time Registration system paying Rs.50/- before 01.03.2017 and those who have registered for One-Time Registration on or after 01.03.2017 by paying Rs.150/- are exempted from paying the registration fee for this recruitment.</p> <p>(ii) 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).</p>	Rs.150/-
b)	<p><u>Examination Fee</u></p> <p>Note :</p> <p>The Examination fee should be paid at the time of submitting the online application for this recruitment, if they are not eligible for the fee concession noted below.</p>	Rs.150/-

EXAMINATION FEE CONCESSION

Category	Concession	Condition
(i) Scheduled Castes / Scheduled Caste (Arunthathiyars), Scheduled Tribes	Full Exemption	--

(ii) Differently Abled Persons, Destitute Widow of all communities	Full Exemption	(i) For Differently Abled persons, the disability should be not less than 40%. (ii) For DWs, the DW certificate should have been obtained from the RDO / Sub Collector/ Assistant Collector
(iii) Most Backward Class / Denotified Communities, Backward Classes (Other than Muslim) Backward Class (Muslim)	Those who have not availed three free chances so far in the previous recruitments may avail exemption from payment of examination fee.	Should not have availed three free chances in the previous recruitments.
(iv) Ex-Servicemen	Those who have not availed two free chances so far in the previous recruitments may avail exemption from payment of examination fee.	(i) Should not have availed two free chances in the previous recruitments. (ii) Fee concession will not apply to those who have already been recruited to any class or service or category.

Note :

- (i) Applicants can avail exemption from paying examination fees as per eligibility criteria.
- (ii) The three / two free chances referred to above are not for **EACH POST** but for **ANY THREE / TWO APPLICATIONS ONLY**. The claim for exemption from payment of examination fee made in any application which is rejected / admitted or withdrawn will be counted as a free chance availed.
- (iii) Failure to pay the prescribed fee along with the application in time will be liable for rejection of application.
- (iv) The number of free chances availed by the applicant means the total number of free chances hitherto availed by the applicant in his / her earlier application submitted to the Commission for any post / recruitment.
- (v) If the examination fee concession claimed in the application is found to exceed the admissible limits as announced above, the application will be rejected at any stage of selection. The number of free chances availed by the applicants will be counted from the previous applications submitted through One-Time Registration

and / or submitted directly without One-Time Registration i.e., before One-Time Registration was made as mandatory.

5. MODE OF PAYMENT OF EXAMINATION FEE

- Examination fee of Rs.150/- (Rupees One Hundred and fifty only) is payable online through Net banking / Credit card / Debit card or it can be paid offline at SBI / Indian Bank within 2 days from the date of submission of online application, by choosing the option in the online application.
- Applicants have to register their basic particulars through One-Time Registration which is mandatory on payment of Rs.150/- (Rupees One Hundred and Fifty only) towards registration fee and then should apply online for this recruitment. The One-Time Registration will be valid for 5 years from the Date of Registration. Thereafter, the registration should be renewed by paying the prescribed fee. Applicants who have already registered in One-Time Registration system on payment of Rs.50/- before 01.03.2017 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.
- Applicants have also to pay the service charges applicable to the State Bank of India / Indian Bank.
- **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. (One-Time Registration is only to avail exemption for Registration fee for a period of five years from the date of registration and it will not be considered as prescribed examination fee for this recruitment).

(For further details, refer [para 2 \(13 – 23\)](#) of [“Instructions to Applicants”](#)).

6. QUALIFICATIONS

(A) AGE LIMIT (as on 01.07.2018)

Sl. No.	Category of Applicants	Minimum Age (Should have completed)	Maximum Age
1.	SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs and Destitute Widows of all Castes.	18 Years	No Maximum age limit
2.	‘Others’ [i.e. applicants not belonging to SCs, SC(A)s, STs, MBCs/DCs, BCs and BCMs].	18 Years	30 Years (should not have completed)

Age concession**(i) For Differently Abled Persons (Others)**

(a) Differently Abled Persons are eligible for age concession upto 10 years over and above the maximum age limit prescribed above.

(ii) For Ex-servicemen: (Others)

(a) Ex-servicemen are eligible for age concession upto 48 years of age.

(b) The above mentioned age concession will not apply to those Applicants who have already been recruited to any class or service or category.

Note :

- (i) Applicants not belonging to SCs, SC(A)s, STs, MBCs/DCs, BCs and BCMs., who have put in 5 years and more of service in the State / Central Government are not eligible to apply even if they are within the age limit.
- (ii) Instructions given with regard to maximum age limit under Para 5 of the 'Instructions to Applicants' will apply to this recruitment.
- (iii) **No maximum age limit shall mean that the applicants should not have completed 58 years of age either on the date of notification or at the time of selection/ appointment to the post.**

(B) EDUCATIONAL QUALIFICATION: (as on 11.09.2018)

Applicants should possess the following or its equivalent qualification:-

Educational Qualification:-

- 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).**

Note :

- (i) The qualification prescribed for this post should have been obtained by passing the required qualification in the order of studies viz. 10th + HSC or its

equivalent +U.G. degree + P.G. degree as stipulated in Section 25 of Tamil Nadu Government Servants (Conditions of Service) Act 2016. The results of exam should have been declared on or before the date of Notification.

- (ii) Applicants claiming equivalence of qualification to the prescribed qualification should upload and submit evidence for equivalence of qualification in the form of G.O. issued prior to the date of this notification when called for, failing which, their application will be summarily rejected. The G.Os issued regarding equivalence of prescribed qualification after the date of this notification will not be accepted. A list of Equivalence of qualification in the related subject is available in **Annexure - I.**

(Refer [para 10 of the "Instructions to Applicants"](#) and Annexure to this Notification)

(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 before their appointment:

Standard of Vision Prescribed	Form of Certificate of Physical Fitness
Standard II or Better	Form prescribed for Executive Posts.

The Applicants with defective vision should produce eye fitness certificate from qualified eye specialist.

(D) KNOWLEDGE IN TAMIL

Applicants should possess adequate knowledge in Tamil on the date of this Notification.

(For details refer [para 11 of the Commission's 'Instructions to Applicants'](#)).

7. CONCESSIONS

- (i) Concessions in the matter of age and/or fees allowed to SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs, Destitute Widows, Differently Abled Persons, Ex-servicemen, other categories of persons etc., are given in [para 12 to 14 of the 'Instructions to Applicants'](#).
- (ii) Persons claiming concession referred to above have to produce evidence for such claim, when called for, otherwise their application will be liable for rejection.

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. [Proviso to Section 3(j) (vii) of 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, MBCs/DCs, BCs and BCMs	Others
i. Paper –I (200 Questions) <u>Any one of the following subjects</u> (i) Town Planning (P.G. Standard) (Code No.153) (or) (ii) Architecture (Degree Standard) (Code No.154) (or) (iii) Civil Engineering (Degree Standard) (Code No.155)	3 hours	300	171	228
ii. PAPER – II GENERAL STUDIES (Code No. 003) (100 Questions) 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 :

- (i) The question paper in the subjects Town Planning and Architecture will be

set in English only. The question paper in the subject Civil Engineering will be set both in English and Tamil.

- (ii) 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.
- (iii) Refer [para 22 of "Instructions to Applicants"](#) in regard to instructions to be followed while appearing for competitive examinations conducted by the Commission.
- (iv) The Syllabus for Examination is furnished in the [Annexure-II](#) of this notification.

9. CENTRE FOR EXAMINATION

Examination will be held in 7 Centres.

Sl. No.	Name of the Centre	Centre Code
1.	Chennai	0100
2.	Madurai	1000
3.	Coimbatore	0200
4.	Trichirappalli	2500
5.	Tirunelveli	2600
6.	Salem	1700
7.	Thanjavur	1900

Note :

- (i) Applicants will be required to appear for the Written Examination / Certificate Verification / Oral Test at their own expenses.
- (ii) The Commission reserves the right to increase/decrease the number of Examination Centres and to re-allot the Applicants.

10. SELECTION PROCEDURE

Selection will be made in two successive stages i.e., (i) Written Examination and (ii) Oral Test in the form of an interview. Final selection will be made on the basis of total marks obtained by the candidates at the Written Examination and Oral Test taken together subject to the rule of reservation of appointments. Appearance in both the papers of the Written Examination and Oral Test is compulsory. A candidate who has not appeared in any one of the papers in Written Examination or Oral Test will not be considered for selection, even if he/she secures qualifying marks in the Written Examination or Oral Test.

(For further details refer [paragraph 23 \(b\) of "Instructions to Applicants"](#))

11. NO OBJECTION CERTIFICATE / INFORMATION TO THE EMPLOYER

No Objection Certificate obtained from appropriate authority shall be produced at

the time of Certificate Verification, failing which, the application will be rejected.

For details refer [Para 15 \(g\) of Commission's 'Instructions to Applicants'](#). - Any violation of this instruction will be liable for / end 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. In G.O.(Ms.) No.145, Personnel and Administrative Reforms (S) Department, dated 30.09.2010, and G.O.(Ms.)No.40 Personnel and Administrative Reforms(S) Department dated 30.04.2014, the Government have issued orders to fill 20% of all vacancies in direct recruitment on preferential basis to persons who studied the **prescribed qualifications in Tamil Medium. The 20% reservation of vacancies on preferential allotment to Persons Studied in Tamil Medium (PSTM) will apply to this recruitment.** Applicants claiming this reservation must have studied the prescribed qualifications for the post in Tamil Medium and should have the certificate for the same. **Having written the University Examinations or Competitive Examinations in Tamil language alone will not qualify the candidate for claiming this reservation.** If the Applicants with PSTM Certificate are not available for selection for appointment against reserved turn, such turn shall be filled by Non-PSTM Applicants but belonging to the respective communal category. The PSTM certificate shall be produced by the applicant in prescribed format / proforma available in the Commission's website at 'www.tnpsc.gov.in' which shall be obtained from the Head of the Institution and to be submitted when called for by the Commission.
(For further details refer para 27 (XIX) of "Instructions to Applicants")
- C. The number of vacancies advertised is only approximate and is liable to modification with reference to vacancy position at any time including reduction before finalization of selection.
- D. The selection for appointment to the above said posts is purely provisional subject to final Orders on pending Writ Petitions, if any, filed at Madras High Court and Madurai Bench of Madras High Court.
- E. As per Section 26 and 27(c) of Tamil Nadu Government Servants (Conditions of Service) Act 2016, reservation of appointment to **Destitute Widows and Ex-Servicemen** respectively is not applicable to this recruitment.
- F. As per G.O.(Ms).No.20, Welfare of Differently Abled Persons (DAP 3.2) Department, dated 20.06.2018 , the post of Architectural Assistant/ Planning Assistant is identified as suitable for the 4% reservation to Differently Abled Persons for the Categories of **LV, HH, LD(OA, OL), AC, LC, DF only**. However, the Turn does not arise for Differently Abled Persons in this Recruitment.
- G. The Differently Abled persons should submit copy of Differently Abled Certificate specifying the nature of physical handicap and the degree of disability when called for by the Tamil Nadu Public Service Commission. If selected, they should produce a Fitness Certificate obtained from the Medical Board to the appointing authority. [Section 20 (5) of Tamil Nadu Government Servants (Conditions of Service) Act 2016].

- H. 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.
- I. 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-se-merit 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.
- J. Any subsequent claim made thereafter on submission of online application will not be entertained. Evidence for claims made in the online application should be uploaded / submitted in time, when called for. Failure to submit the documents within the stipulated time limit **will entail rejection of the Application.**
- K. Correct and True information regarding arrest, convictions / debarment / disqualification by any recruiting agency, criminal or any disciplinary proceedings initiated / pending or finalized, participation in agitation or any Political Organization, candidature in election for Parliament/State Legislature/Local Bodies etc., if any, should also be furnished to the Commission at the time of application i.e., the details thereof, originals of the Judgement, order or G.O dropping further action in Departmental proceedings or any document that may prove the suitability of such Applicants for a Government appointment in such cases must be produced at the stage / time of Certificate Verification without fail.
- L. **Incomplete applications and applications containing wrong claims or incorrect particulars relating to category of reservation / other basic qualification / eligibility wise / age / communal categories / educational qualification / physical qualification and other basic eligibility criteria will be liable for rejection.**
- M. **One-Time Registration is not an application for any Post / Recruitment. Though the details/particulars were furnished in the One-Time Registration by the applicants, the details/particulars furnished in the online application submitted for this recruitment alone will be taken into consideration. Tamil Nadu Public Service 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.**

13. OTHER IMPORTANT INSTRUCTIONS

- a) The applicants applying for the examination should go through all instructions carefully and 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 viz., Written Examination and

Oral Test will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification at any time before or after Written Examination, Certificate Verification and Oral Test, it is found that they do not fulfil any of the eligibility conditions, their candidature for the examination will be liable for rejection / cancellation by the Commission. Mere issue of memo of admission to the applicants will not imply that his/her candidature has been fully accepted by the Commission (For further details refer "Instructions to Applicants").

- b) The **Hall Tickets** for eligible applicants will be made available in the Commission's Website www.tnpsc.gov.in or www.tnpscexams.net or www.tnpscexams.in for downloading the same by applicants. No Hall Tickets will be sent by post. So the applicants should watch TNPSC website before the scheduled date of examination. The Applicants must comply with each and every instruction given in the Hall Ticket.

c) Communication to Applicants:

Individual communication regarding the date and time of certificate verification, Oral Test and counselling 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 Tamil Nadu Service Commissions's website in this regard.

- d) Grievance Redressal Cell for guidance of applicants:- In case of any guidance/ information / clarification of their applications, candidature etc., applicants can contact Tamil Nadu Public Service Commission's Office in person or over Telephone No.044-25332833 / 25332855 or the Commission's Office Toll-Free No.1800 425 1002 on all working days from 10.00 a.m. to 05.45 p.m or Commission's mail id contacttnpsc@gmail.com

e) Mobile Phones and other Articles Banned:

- i. Applicants are not allowed to bring Cellular Phone, Watches and Ring with Inbuilt Memory Notes etc., or any other Electronic device and Non-Electronic devices such as P&G Design Data Book, Books, Notes, Hand Bags and Recording Device either as separate piece or part of something used by the applicants such as Watch or Ring etc., to the examination hall / room on the date of examination.
- ii. Applicants must not bring into the Examination Hall any article such as books, notes, loose sheets, electronic or any other type of calculators, mathematical and drawing instruments, Log Tables, stencils of maps, slide rules, Text Books, rough sheets etc., except the permitted writing material (i.e. Ball point pen). No colour pen or Pencil must be used.
- iii. If they are found to be in possession of any such thing or instrument, 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. (For further details refer '[Instructions to Applicants](#)').

- iv. 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 cannot be assured.
- f) Unless specific instruction is given, **applicants are not required to submit along with their online application any certificates** in support of their claims regarding age, educational qualifications, practising / service, physical qualification, community their physical disability etc., which should be submitted when called for by the Tamil Nadu Public Service Commission.
- g) On verification, if the information so furnished by the applicant in the application is found to be false, then his/her candidature is liable for rejection and also suitable penal action such as criminal prosecution and debarment etc
- h) **Unfair means strictly prohibited:** No applicants shall copy from the papers of any other candidate or permit his papers to be copied or give or attempt to give or obtain or attempt to obtain irregular assistance of any description. [\(For further details refer Instructions to Applicants\).](#)
- i) For violation of “Instructions to Applicants” in any manner, suitable penalty will be imposed as per the Instructions to Applicants or as deemed fit by the Commission.

14. HOW TO APPLY

1. Applicants should apply only through online mode in the Commission’s Websites www.tnpsc.gov.in / www.tnpscexams.net / www.tnpscexams.in
2. One-Time Registration (OTR) and applicant Dashboard are 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 5 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. For applying in One-Time Registration, the applicants should have scanned image of their photograph, certificate wherever insisted and signature in CD/DVD/Pen Drive to upload the photo, certificate and signature.
4. Applicants who have already registered in One-Time Registration on or before 29.09.2015 shall use their existing user ID and Password to create applicant Dashboard in the new One-Time Registration system. No applicant is permitted to create more than one registration ID in One-Time Registration.
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 giving a separate dashboard to each applicant to facilitate them to maintain their own profile. Applicant who wishes to apply for

any post shall click "[Apply](#)" against the post Notified in the Commission's Website and use the same USER ID and PASSWORD given for ONE-TIME REGISTRATION.

7. Applicants should select the name of the post or service for which they wish to apply.
8. Applicants are required to upload their photograph and signature as per the specifications given in the Guidelines for Scanning and Upload of Photograph and Signature.
9. An Online application uploaded without the photograph, specified documents and signature will be rejected.
10. **All the particulars mentioned in the online application including name of the Candidate, Post applied, educational qualifications, Communal Category, Date of Birth, Address, Email ID, Centre of Examination etc. will be considered as final and no modifications will be allowed after the last date specified for applying online. Since certain fields are firm and fixed and cannot be edited, applicants are requested to fill in the online application form with the utmost care and caution as no correspondence regarding change of details will be entertained.**
11. Print Option
 - a) After submitting the application, applicants can print/save 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. The certificates will be verified only when the applicants come up for next stage of selection.

12. One -Time Registration will not be considered as an application for any post.

15. UPLOAD OF DOCUMENTS

Applicants should upload/submit their testimonials and all other relevant certificates for proof in respect of claims made in the application with reference to this notification as and when called for.

16. LAST DATE FOR SUBMITTING APPLICATION

The Online Application can be submitted upto 10.10.2018 till 11.59 p.m., after which the link will be disabled.

17. WARNING

- (i) All the Recruitments by Tamil Nadu Public Service Commission are purely merit based.
- (ii) Tamil Nadu Public Service Commission hereby cautions, the candidates against touts and agents cheating by making false promises of securing job through unfair means.
- (iii) Tamil Nadu Public Service Commission shall not be responsible or liable for any loss that may be caused to any candidate on account of indulging in any sort of actions with such unscrupulous persons.

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

Secretary

DISCLAIMER

“The Government orders relating to Equivalence of qualification have been hosted in the Tamil Nadu Public Service Commission website. However the applicants while applying for the examination should furnish the details of equivalence of qualification declared in the form of Government order issued prior to the date of this notification if any, which are not mentioned in Annexure-I to the notification and produce the same when called for by Tamil Nadu Public Service Commission, failing which their application will be rejected. The Government Orders issued regarding equivalence of prescribed qualification after the date of this notification will not be accepted.”

Secretary

ANNEXURE – I**Architectural Assistant / Planning Assistant**

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 the 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 to consider as to whether equivalent to B.E (Civil) (Regular).	G.O.(Ms).No.77, Higher Education (J2) Department, dated 03.03.2016.

ANNEXURE – II**TAMIL NADU PUBLIC SERVICE COMMISSION
Architectural Assistant/ Planning Assistant****PAPER-I****TOWN PLANNING (P.G. STANDARD)
Objective Type****CODE NO. 153****UNIT – I: 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. Aerial photo and remote sensing techniques in planning – Delphi, Trade off-game, simulation models, gravity analysis, Lowry model, Threshold analysis, Multivariate analysis – Optimization and economic analysis methods in project formulation and implementation, CPM, PERT, PBBS.

UNIT – II: SCOPE AND CONTENT OF PLANNING - SETTLEMENT AND REGIONAL LEVELS

Planning System in India, Introduction to Master Plan, Structure Plan, Detailed Development Plans, City Corporate Plan and Smart 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 – III: 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 – Sustainability and Environmental Carrying Capacity.

UNIT – IV: URBAN INFRASTRUCTURE NET WORK PLANNING ISSUES

Obligatory and Discretionary Services, Implication of Urban Form and Size on Services, Norms and Standards, National and Local guidelines – Demand Strategy, Issues and Tasks, Operation and Management Aspects of each Service - Experimental Water Supply, Sewerage / Drainage, Solid Waste Management, roads and Street Lighting schemes and Living Environment -

Priority, Placement Network Options, Effective System Analysis – Private and Public partnership and innovative concepts and practices in infrastructure Development.

UNIT – V: PROJECT FORMULATION AND IMPLEMENTATION

Types of Project, Project Cycle, Identification, Selection, Preparation - Capital Investment Programme, Internal Rate of Return, Net present Value - Cost-Benefit & 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, Findings, Conclusions and Recommendations - 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 – VI: PLANNING LEGISLATION AND LEGAL FRAME WORK

The concept of law, Indian Constitution. National Goals. 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 Act 1854. 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 Tamilnadu 1972, Urban Development Act - Implications of Land ceiling, betterment levy and development charges .Concept of arbitration.

UNIT – VII: ISSUES IN TRAFFIC AND TRANSPORTATION PLANNING

Highway classification - Traffic characteristics – Horizontal and Vertical alignment, handuse & Transportation relationships - Sight distance – Cross-sectional elements – at grade and Grade separated intersections - Volume Count – Origin and Destination – Parking and Public Transport - Surveys – Inventory of Transport facilities – Methods of Survey – Analysis –Inferences - Different modes – Capacities – Limitations – Planning Aspects - Coordination – Para Transit modes – Private transport.

UNIT – VIII: G.I.S., G.P.S., WEB BASED THEORIES AND APPLICATIONS

Classification of spatial and non-spatial data application of spatial data in urban and regional planning - Objectives and functions of GIS models in Urban and Regional Planning - Defining the objectives of a GIS Planning problems – Identification of required spatial data layers, Applications of GPS - Coding schemes – digitization of spatial data – editing spatial data usable for the given planning problem - Information need and the role of Web in Planning – Public participation – Information transparency – Current trends - Web sites and information sources in urban and regional Planning-virtual reality in planning applications.

**UNIT – IX: URBAN SOCIOLOGY, ECONOMICS, GEOGRPAHY:
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 Tamilnadu with reference to settlements and population distribution.

UNIT – X: CURRENT TRENDS AND ISSUES IN PLANNING

Concepts of sustainable urban development, sustainable Transportation, E-Governance, Institutional Development, and urban Governance – Business Plans, JNURM, National Rural Health Mission, Competitiveness, Globalization, Knowledge base of Towns and cities – Public private partnership, local bodies and urban finance.

PAPER-I**ARCHITECTURE (DEGREE STANDARD)
Objective Type****CODE NO. 154****UNITS****1. THEORIES OF ARCHITECTURE**

- Definition of Architecture, Architectural design – an Integration of aesthetic and function, Aesthetic components – Proportion, Scale, balance, rhythm, symmetry, hierarchy, pattern and axis.
- Functional aspects of architecture – site, structure, skin, circulation etc.
- Effect of colour – colour symbolism, Impact on interiors, exteriors and at city level.
- Elements of Architecture and their relationships.

2. HISTORY OF ARCHITECTURE

- Factors influencing Architecture of an era.
- Architectural character of Egypt, West Asia, Greece, Rome, Italy, France and England from 3rd Century B.C. to 18th Century A.D.
- Outstanding examples of these periods with salient architectural features.
- Evolution of Hindu Temple and Architectural contributions of Dravidian, Pallava, Chola, Pandya and Indo-Aryan Periods – Outstanding examples of these periods.
- Development of Islamic Architecture and contributions during the rule Humayun, Akbar, Jahangir, Shahjahan in India.
- Development of Indo-Saarcenic architecture – Design of New Delhi – Contributions by Le Corbusier and Louis Kahn in India.
- Contributions by B.V. Doshi, Charles Correa, Kanvinde and Nari Gandhi to Indian Architecture – Examples and Philosophies.

3. MATERIALS AND CONSTRUCTION TECHNIQUES

- Advantages and disadvantages of concrete as a building material – properties– types and variety.
- Ferrous metals – uses of cast iron, wrought iron and steel in buildings – structural steel – stainless steel – steel alloys – steel as a roofing material.
- Thermal Insulation – Blanket, poured and reflective insulation – properties and uses of spun glass, foamed glass, cork, vegetable fibers, mineral fibers, foamed plastics, vermiculite and glass fibers.
- Low cost building technology – Ferro cement, Study of construction system innovated through research organizations like CBRI, NBO, SERC.

4. BUILDING SYSTEM AND SERVICES

- Fundamentals of Sanitary waste and sewerage system – Basic principles of sanitation and disposal of waste matter from buildings, various sewerage disposal and their principles. Intercepting chambers,

inspection chambers – their location and ventilation of sewers. Alignment of storm water drains in housing, layout and cities, collection, conveyance and disposal of town refuse. Rural Sanitation.

- Water distribution systems – Water distribution systems in small towns, Criteria to assess daily water requirements, Testing for water hardness, piping systems for residential and multi storied buildings.
- Types of pumps – Reciprocating, centrifugal, deepwell, submersible automatic pumps, sewerage pump, compressors vacuum pump.
- Elevators – size, capacity, speed, mechanical safety method, Types of elevators – Electric, hydraulic – passenger, hospital, capsule, freight, etc. Dumb waiters, Parallel and criss cross escalators, horizontal belt conveyors, horizontal moving walkways, physically handicapped mechanical safety systems.
- Electrical services – Types of wires, wiring systems and their choice, Planning electrical wiring for building, Types of earthing, Main and distribution boards.
- Refrigeration and Air conditioning – Window type and packaged air conditioners, chilled water plant, fan coil systems, Air conditioning systems for different types of buildings.
- Fire safety – Fire detection system, Fire alarm system, Fire fighting systems, Dry and wet risers, Automatic Sprinklers.

5. TRADITIONAL AND CULTURE STUDIES

- Definition of Tradition, Meaning of Vastu and Vaastu, its classification, Relationship to earth.
- Traditional Site planning method – Orientation of building, site, layout and settlement, positive and negative energies, importance of cardinal and ordinal directions. The celestial grid or mandala and its types. The Vaastu Pursha Mandala and its significance in creation of patterns, and lay-outs. Types of layouts.
- Vernacular Architecture – Approaches and concepts to the study of Vernacular Architecture – Aesthetic, Anthropological, Architectural, Geographical, Historical, Spatial, Folkloristic. Colonial influences on the Traditional House, Goa, Bangla & Bungalow, Bengal and Victorian Villas, Settlement Planning and House Typologies in Pondicherry and Cochin.

6. URBAN STUDIES

- Definitions of Conservation, preservation, urban design and renewal, Need in the Indian Context. Land use structures of cities, impact of urbanization, developmental programmes and social development.
- Urban design concepts – Imagibility, life between buildings, transit metropolis, sustainable cities, generic cities, heritage tourism, community participation in urban design.
- Urban open spaces and urban landscape, street landscaping.
- Post Independence Urban Design in India – Influence of Chandigarh, Bhuvaneshwar and Gandhi Nagar.

7. ENVIRONMENTAL STUDIES

- Land resources – Land as a resource, land degradation, landslides, soil erosion and desertification, waste land reclamation.

- Landscape and ecology – Introduction to landscape architecture, ecology, ecological balance, landscape conservation, reclamation and landscaping of derelict lands.
- Site analysis – Importance of site analysis, on site and off site factors involved, topography, hydrology, soils, vegetation, climate, surface drainage, accessibility, infrastructure.
- Energy resources – growing energy needs, renewable and non-renewable energy sources, alternate energy. Urban problems related to energy.
- Simple passive design considerations – use of site conditions, orientation, plan form, envelope design, opening size and position to achieve solar passive architecture.
- Waste Management – Solid waste recycling, such as composting, vermin composting and bio gas. Liquid waste recycling, Rain water harvesting, Biological and thermal energy options.

8. URBAN AND RURAL HOUSING

- Urban Housing – Housing and its importance in architecture. Its relationship to neighborhood and city planning. Housing need and demand – National Housing Policy – Housing Agencies and their role in housing development.
- Housing Design – housing typologies, integration of services, parking, sustainable practices, Qualitative aspects of housing, prefabrication in housing.
- Rural housing – influence of urbanization and changing life style, Uniqueness of rural housing – Mud as a building material – Soil stabilization, Bamboo, Casuarina, Coconut, Palm, Hay, - uses as building materials – fire retardant treatment, insect proofing. Building stones – types of masonry

9. RULES, REGULATIONS AND LEGAL FRAME WORK

- Zonal regulations – Zoning, Planned Unit Development, SEZ.
- Development Control rules – Significance, rules for various building types.
- UD PFI – guidelines, standard and regulations.
- National building code of India – Fire safety, ventilation, Mechanical services such as lifts and escalators.
- Environmental Laws in India – protection of land, forest, water and air.
- Coastal Landscapes – Protection, CRZ for coastal areas.

10. CURRENT TRENDS AND ISSUES

- Technology – Computer oriented 2D and 3D drafting. Use of digital medium for designing and presentation.
- Use of GIS for regional planning and Urban Governance.
- Role of Information Technology in Environmental Protection and human health.
- Impact of GATT and WTO on Architecture on India.
- Significance of “Intellectual property rights” for architects in India.
- Use of ‘Right to Information’ as a powerful tool for architects.
- Mandatory rules to incorporate ‘Barrier free design’.

PAPER-I**CIVIL ENGINEERING (DEGREE STANDARD)
Objective Type****CODE NO. 155****UNIT I****Construction Materials and 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 – Damp Proofing courses – Shoring, scaffolding and Underpinning – Ventilation and Fire resistant construction

UNIT II**Engineering survey**

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

UNIT III**Mechanics of Solids**

Simple stress and strain: relationship - elastic constants - 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.

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

UNIT IV**Concrete Structures**

Basic 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.

Steel Structures

Design of tension and compression members, beams and beam-columns, column bases - connections - simple and eccentric - plate girders and trusses - plastic analysis of beams and frames.

UNIT V

Geotechnical Engineering

Properties of soils - soil classification - inter-relationships – Compaction - permeability and seepage – 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

Hydrostatics applications of Bernoulli equation, Laminar and turbulent flow in pipes, pipe networks - concept of boundary layer and its growth - uniform flow, critical flow and gradually varied flow in channels, specific energy concept, hydraulic jump - forces on immersed bodies - flow measurement in channels - tanks and pipes - dimensional analysis and hydraulic modeling. Applications of Momentum equation, Potential flow, Kinematics of flow - Velocity triangles and specific speed of pumps and turbines.

Hydrology and Water Resources

Hydrologic cycle - Rainfall - evaporation infiltration, unit hydrographs, flood estimation, reservoir design, reservoir and channel routing, well hydraulics. Water resources of Tamil Nadu – Water policy – flood control – drought management.

Irrigation

Duty, delta, Estimation of evapo-transpiration - crop water requirements - design of lined and unlined canals - waterways - head works, gravity dams and Ogee spillways - Designs of weirs on permeable foundation, Irrigation methods. Irrigation efficiencies. Water quality and standards- water logging and salinity-problem soils and reclamation- tank irrigation- rehabilitation of irrigation works- ground water- well irrigation- conjunctive use.

UNIT VII**Water Supply Engineering**

Sources of water and their characteristics - Surface and Groundwater - Development and selection of source -Water quality – Characterization - Water quality standards – Intakes - Estimation of demand - Water quality standards - Basic unit processes and operations for water treatment - Maintenance of treatment units - Conveyance and distribution systems of treated water - Rural water supply- Water softening –Demineralization-Desalination.

Wastewater Engineering And Pollution Control

Design of sewers - Sewage pumping - Characteristics of sewage and its treatment - Primary, secondary and tertiary treatment of sewage- sludge disposal - effluent discharge 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 – traffic surveys – traffic signals and markings

Highway planning in India - Road classification - Geometric design of highways. Construction of Earth, WBM, bituminous and concrete roads - Drainage of roads - Maintenance of roads.

Details of components of permanent way - geometric design - points & crossing - signaling Interlocking and level crossings. Airport planning Components of Airport - Site selection - Airport zoning - Harbours & Ports - types - components & their functions - Layout of a harbour - Docks - wet and dry - Break waters.

UNIT IX**Town Planning and Urban Engineering**

Ancient and modern planning – stages ,type of survey, collection of data- objects and principles of zoning role of density and FSI – Development of new towns – urban modern and satellite towns - levels of planning – preparation of regional and national planning development controls - building bye – laws – zoning – town and country planning acts – land acquisition acts – principles of rural development planning – urbanization – 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 – slips 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.

UNIT XI**Estimation, Costing & Valuation**

Types of estimates - Detailed estimates for different types of buildings- methods of valuation –depreciation – fixation of rent.

UNIT XII**Computer Applications in Civil Engineering**

Types of computers – components of modern computer systems – office automation – word processing – spread sheets and data management – developing flow charts for solving civil engineering problems – CAD – advantages of computer aided drafting over traditional drafting – developing 2D, and 3S drawing and solid modelling - Application of GIS in Civil Engineering.

Paper – II**GENERAL STUDIES (Degree Standard)****Objective Type****Subject Code No.003****UNIT – I GENERAL SCIENCE**

Physics - Universe - General Scientific laws - Scientific instruments - Inventions and discoveries - National scientific laboratories - Science glossary - Mechanics and properties of matter - Physical quantities, standards and units - Force, motion and energy - electricity and Magnetism - Electronics & communications - Heat, light and sound - Atomic and nuclear physics - Solid State Physics-Spectroscopy – Geophysics - Astronomy and space science.

Chemistry - Elements and Compounds - Acids, bases and salts - Oxidation and reduction – Chemistry of ores and metals - Carbon, nitrogen and their compounds - Fertilizers, pesticides, insecticides - Biochemistry and biotechnology – Electrochemistry - Polymers and plastics

Botany - Main Concepts of life science-The cell-basic unit of life-Classification of living organism - Nutrition and dietetics-Respiration - Excretion of metabolic waste-Bio-communication

Zoology - Blood and blood circulation-Endocrine system-Reproductive system-Genetics the science of heredity-Environment, ecology, health and hygiene, Bio-diversity and its conservation-Human diseases, prevention and remedies-Communicable diseases and non- communicable diseases-Alcoholism and drug abuse-Animals, plants and human life

UNIT – II CURRENT EVENTS

History - Latest diary of events – National - National symbols -Profile of States-Defence, national security and terrorism - World organizations-pacts and summits-Eminent persons & places in news-Sports & games - Books & authors - Awards & honours - Cultural panorama - Latest historical events - India and its neighbours - Latest terminology- Appointments - who is who?

Political Science - India's foreign policy - Latest court verdicts – public opinion - Problems in conduct of public elections- Political parties and political system in India-Public awareness & General administration- Role of Voluntary organizations & Govt.,- Welfare oriented govt. schemes, their utility.

Geography - Geographical landmarks-Policy on environment and ecology.

Economics - Current socio-economic problems-New economic policy & govt. sector.
Science - Latest inventions on science & technology - Latest discoveries in Health Science - Mass media & communication.

UNIT – III GEOGRAPHY

Earth and Universe - Solar system - Atmosphere hydrosphere, lithosphere -Monsoon, rainfall, weather and climate - Water resources - rivers in India - Soil, minerals & natural resources-Natural vegetation - Forest & wildlife-Agricultural pattern, livestock & fisheries - Transport & communication - Social geography – population-density and

distribution-Natural calamities – disaster management-Climate change - impact and consequences - Mitigation measures - Pollution Control.

UNIT – IV HISTORY AND CULTURE OF INDIA

Pre-historic events - Indus valley civilization-Vedic, Aryan and Sangam age - Maurya dynasty - Buddhism and Jainism - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and the bahmanis - South Indian history - Culture and Heritage of Tamil people - Advent of European invasion - Expansion and consolidation of British rule-Effect of British rule on socio-economic factors - Social reforms and religious movements - India since independence - Characteristics of Indian culture - Unity in diversity – race, colour, language, custom - India-as secular state - Organizations for fine arts, dance, drama, music-Growth of rationalist, Dravidian movement in TN-Political parties and populist schemes – Prominent personalities in the various spheres – Arts, Science, literature and Philosophy – Mother Teresa, Swami Vivekananda, Pandit Ravishankar , M.S.Subbulakshmi, Rukmani Arundel and J.Krishnamoorthy etc.

UNIT – V INDIAN POLITY

Constitution of India - Preamble to the constitution - Salient features of constitution - Union, State and territory - Citizenship-rights amend duties - Fundamental rights - Fundamental duties - Human rights charter - Union legislature – Parliament - State executive - State Legislature – assembly - Status of Jammu & Kashmir - Local government – panchayat raj – Tamil Nadu - Judiciary in India – Rule of law/Due process of law - Indian federalism – center – state relations - Emergency provisions - Civil services in India - Administrative challenges in a welfare state - Complexities of district administration - Elections - Election Commission Union and State - Official language and Schedule-VIII - Amendments to constitution - Schedules to constitution-Administrative reforms & tribunals- Corruption in public life - Anti-corruption measures – Central Vigilance Commission, lok-adalats, Ombudsman, Comptroller and Auditor General of India. - Right to information - Central and State Commission - Empowerment of women- Voluntary organizations and public grievances redressal - Consumer protection forms.

UNIT – VI INDIAN ECONOMY

Nature of Indian economy - Five-year plan models-an assessment - Land reforms & agriculture - Application of science in agriculture -Industrial growth - Capital formation and investment - Role of public sector & disinvestment - Development of infrastructure- National income - Public finance & fiscal policy - Price policy & public distribution - Banking, money & monetary policy - Role of Foreign Direct Investment (FDI) – WTO - globalization & privatization - Rural welfare oriented programmes - Social sector problems – population, education, health, employment, poverty - HRD – sustainable economic growth- Economic trends in Tamil Nadu - Energy Different sources and development - Finance Commission - Planning Commission - National Development Council.

UNIT – VII INDIAN NATIONAL MOVEMENT

National renaissance- Early uprising against British rule-1857 Revolt- Indian National Congress - Emergence of national leaders- Gandhi, Nehru, Tagore, Netaji -Growth of militant movements -Different modes of agitations-Era of different Acts & Pacts-World war & final phase struggle - Communalism led to partition- Role of Tamil Nadu in

freedom struggle - Rajaji, VOC, Periyar, Bharathiar & Others - Birth of political parties /political system in India since independence.

UNIT – VIII APTITUDE & MENTAL ABILITY TEST (SSLC STANDARD)

Conversion of information to data - Collection, compilation and presentation of data - Tables, graphs, diagrams - Parametric representation of data-Analytical interpretation of data - Simplification – Percentage - Highest Common Factor (HCF) - Lowest Common Multiple (LCM) - Ratio and Proportion - Simple interest - Compound interest - Area-Volume - Time and Work - Behavioral ability - Basic terms, Communications in information technology - Application of Information and Communication Technology (ICT) - Decision making and problem solving.

Logical Reasoning - Puzzles – Dice - Visual Reasoning - Alpha numeric Reasoning- Number Series - Logical Number/Alphabetical/Diagrammatic Sequences.

Annexure III**Architectural Assistant/ Planning Assistant****Tentative Timeline for the Recruitment Process**

Sl. No.	Process	Timeline
1.	Publication of Written Examination results.	February 2019
2.	Certificate Verification	March 2019
3.	Oral Test	April 2019
4.	Counselling	April 2019