



## TAMIL NADU PUBLIC SERVICE COMMISSION

**NOTIFICATION NO:22/2014**

**DATED:10.12.2014**

**Applications are invited only through online mode upto 09.01.2015 for Direct Recruitment to the vacancies for the year 2013-2014 in the following Post:-**

Sl. No	Name of the Post and Code No.	Name of the Service and Code No.	No. of vacancies	Scale of Pay
1	<b>Health Officer</b> (Code No.:2029)	Tamil Nadu Public Health Service. (Code No.:052)	<b>33</b> vacancies including 1 GT (Ortho) C/F vacancy	Rs.15,600-39,100/- + Grade Pay Rs.5700/- (PB-3)

### 2. DISTRIBUTION OF VACANCIES

The vacancies will be filled in as follows according to Rule of Reservation of appointments:

GT	GT (W)	GT (Ortho) C/F	MBC/DC	MBC/DC (W)	BC	BC (W)	BC (Ortho)	BCM (W)	ST	SC(A)	SC	SC (W)	Total
6	3	1	5	2	5	3	1	1	1	1	3	1	33

### 3. IMPORTANT DATES AND TIME:-

A	Date of Notification	10.12.2014	
B	Last date for submission of application	09.01.2015	
C	Last date for payment of Fee through Bank or Post Office.	13.01.2015	
D	Date of Examination	22.02.2015	
	<b>Paper – I</b> (Social and Preventive Medicine)	<b>22.02.2015 FN</b>	10.00 A.M to 1.00 P.M
	<b>Paper-II</b> (General Studies)	<b>22.02.2015 AN</b>	02.30 P.M to 04.30 P.M

### 4. QUALIFICATIONS: -

#### (A) AGE (as on 01.07.2014)

Sl. No.	Category of Candidates	Maximum Age (should not have completed)
1	SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs and DWs of all Castes	No maximum age limit
2	“Others” [ i.e Candidates not belonging to SCs, SC(A)s, STs, MBCs/DCs, BCs and BCMs]	35 Years

Note:

- (i) 'Others' i.e., candidates not belonging to SCs, SC(A)s, STs, MBC/DCs, BCs and BCMs who have put in five years of service in the State/Central Government are not eligible to apply for this post even though they are within the age limit.
- (ii) The period of Service rendered by a candidate as short service/regular Commissioned Officer in the Army Medical Corps, subject to a maximum period of 5 years, be excluded in computing his age.

**(B) EDUCATIONAL QUALIFICATION: (as on. 10.12.2014)**

Candidates should possess the following qualification on the date of this Notification:-

- (a) (i) B.S.Sc.( Bachelor of Sanitary Science) degree of Institution recognized by the Medical Council of India or the Diploma in Public Health (2 years duration) of the University of Calcutta.

OR

- (ii) A certificate of having undergone a special course of training in Sanitary Science in the Medical Colleges, Madras for a period of not less than one year and of having passed the examination for Licentiate in Public Health held at the end of that course.

**Explanation:-** The B.S.Sc. Degree, Licentiate in Public Health and Diploma in Public Health Courses are Post Graduate qualifications which are to be acquired after M.B.B.S or DMS or LMP and that any person who does not possess M.B.B.S or DMS or LMP is not eligible to apply for the post of Health Officer.

Provided that preference shall be given to candidates who possess the qualification specified in item (a) (i) above.

Provided further that if fully qualified candidates as specified above are not available for appointment to the post of Health Officer applications from candidates possessing the M.B.B.S Degree of any University or Institution recognized by Medical Council of India or from candidates possessing the diploma of Medicine and Surgery or the Diploma of LMP granted by the Board of Examiners, Medical College, Madras will be considered for selection subject to the following conditions:-

- (i) Candidates so selected should undergo an Orientation course in Public Health for a period of three months before they are appointed as Health Officers. During the period they undergo the Orientation course, they will be paid the minimum in the time scale of pay of Health Officer and dearness allowance admissible under the rules.
- (ii) They should acquire the Public Health Qualification within a period of four years from the date of their appointment. During the period they undergo the course for acquiring the Public Health qualification they will be allowed to draw minimum pay and allowances for the post of Health Officer .They will be exempted from all tuition fees and examination fees due to the Government.

- (iii) The period of the course of training for acquiring the Public Health Qualification will be allowed to be counted for the purposes of increment and pension but not for probation of the candidates concerned.
  - (iv) Before joining the course for acquiring the Public Health Qualification, the candidates should execute a bond undertaking to serve the Government for a minimum period of ten years.
  - (v) Candidates will not be deemed to have satisfactorily completed their probation and will not be entitled to appointment as full members of the service until they acquire the Public Health Qualification. If they fail to acquire the said qualification within the said period of four years, their probation will be terminated and they will be discharged from service.
- b) **PRIVATE PRACTICE:-** Health Officers are not allowed to engage themselves in private practice after appointment.

**Note:**

1. Candidates claiming equivalence of qualification to the prescribed qualification should upload. Proof for equivalence of qualification in the form of G.O. issued prior to the date of this Notification. The G.O's issued regarding equivalence of prescribed qualification after the date of this Notification will not be accepted. (Refer para. 9 of the 'Instruction to the candidates')
2. The qualification prescribed for this post should have been obtained by passing the required qualification **in the order of studies 10<sup>th</sup>, HSC, U.G degree** (i.e. M.B.B.S or DMS or LMP), prescribed qualification.

**5. GENERAL INFORMATION:-**

- a. The rule of reservation of appointments apply to the post and distribution of vacancies will be as per the rule in force.
- a(i) The prescribed qualification for the post is not offered in Tamil Medium hence 'PSTM' reservation was not made in this recruitment.
- b. In G.O.Ms.No.25, Welfare of Differently Abled Persons (DAP 2.1) department, dated 14.03.2013, the post has been identified as suitable for OA/OL/HH categories of differently abled person. They should upload the documents referred to in para 14(f) of the Commission's 'Instructions to the candidates' when called for. (OA-One arm, OL- One leg, HH- Hard of Hearing)
- c. The Differently Abled persons should upload a copy of certificate of physical fitness specifying the nature of physical handicap and the degree of disability based on the norms laid down, from the Medical Board to the effect that his/her handicap will not render him/her incapable of efficiently discharging the duties attached to the post to which he/she has been selected before appointment / when called for by Tamil Nadu Public Service Commission.
- d. Even after filling up of the vacancy 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 candidates, it shall be filled up by Scheduled Castes other than Arunthathiyars.

- e. 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.
- f. If no qualified and suitable women candidates are available for selection against the vacancies reserved for them, those vacancies will be filled by male candidates belonging to the respective communal categories.
- g. The selection for appointment to the above said post is purely provisional subject to final Orders on pending Writ Petitions, if any, filed in Madras High Court and Madurai Bench of Madras High Court.

h. **Certificate of physical fitness:-**

Candidates selected for appointment to the post will be required to produce a certificate of physical fitness in the form prescribed below:-

Standard of Vision Prescribed	Form of Certificate of Physical Fitness
Standard-III	Form prescribed for Executive Posts

Candidates with defective vision should produce eye fitness certificate from a qualified eye specialist.

- i. Reservation for Destitute Widows and Ex-Servicemen will not apply to this recruitment.
- j. Any claim relating to the selection (not related to candidature or / and claims made in the application) should be sent when called for the documents / uploading the documents is made. Any claim received thereafter will not be entertained.
- k. Information regarding arrest, convictions / debarment / disqualification by any recruiting agency, criminal or any disciplinary proceedings initiated 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 of Acquittals, order/ or G.O. dropping further action in Departmental proceedings or any document that may prove the suitability of such candidates for a Government appointment in such cases must be produced at the stage/ time of Certificate Verification without fail.
- l. **Applications containing wrong claims relating to category of reservation other basic qualification / eligibility wise / age / educational qualification and other basic eligibility criteria's will be liable for rejection.**

m. **Knowledge of Tamil:-**

Candidates should possess adequate knowledge of Tamil on the date of this Notification. (for details refer para 10 of the 'Instructions to the candidates')

**SCHEME OF WRITTEN EXAMINATION (OBJECTIVE TYPE) (DEGREE STANDARD) AND ORAL TEST:-**

Subject	Duration	Maximum marks	Minimum Qualifying marks for selection	
			SCs, SC(A)s, STs, MBCs/DCs, BCs and BCM's	Others
<b><u>Paper-I</u></b> Social and Preventive Medicine (Code No. 105) – 200 items (Degree Standard)	3 Hours	300	171	228
<b><u>Paper- II</u></b> General Studies -100 items (Degree Standard)	2 Hours	200		
<b><u>Interview</u></b>		70		
<b>Total</b>		570		

**Note:**

1. To use blue or black ink Ball Point Pen only.
2. Answer sheet will be Invalidated if shaded in Pencil.
3. The answer sheet will be invalidated if the box for Booklet Series is not shaded and could not be identified even by physical verification of the answer sheet.
4. One mark each will be deducted for incorrect or absence of shading Register Number and Question Booklet Series.

**Note:-**

- I. The Question paper in "General Studies" will be set both in English and in Tamil and the question paper in the subject "Social and preventive Medicine" will be set in English only.
- II. The syllabi for Social and Preventive Medicine have been published in the Tamil Nadu Public Service Commission Bulletin No. 11, dated 16.05.2001 at page 967-968. The existing syllabi in Paper-I and Paper-II has been clubbed together and constitute as a single paper. The Syllabi for both papers have been made available in the Commission's Website at "[www.tnpsc.gov.in](http://www.tnpsc.gov.in)"

**6. CENTRE FOR EXAMINATION:-**

Examination will be held at **Chennai Centre only** (Code No. 001).

- I. Candidates should appear for the written examination / Oral Test / Certificate Verification at their own expenses.
- II. The Commission reserves the right to increase the number of examination centres and to re-allot the candidates.

**7. PROCEDURE OF SELECTION:-**

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 each paper 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. (Refer para 21(b) of instruction to candidate)

**8. EXAMINATION FEE:-**

- Examination fee Rs 175/- (Examination Fee Rs.125/-+Application fee Rs.50/-)
- Candidates claiming exemption from examination fee should pay Rs.50/- towards Application Cost (No exemption for cost of application)
- Candidates should also to pay the service charges applicable to the Bank or Post Office or Fee Processing Agency.
- Candidates can avail of the facility of one time Registration on payment of Rs.50/- towards Registration fee. The registration shall be valid for a period of Five Years from the date of one time registration.
- **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.50/- and received the registration ID, need not pay the application fee i.e., Rs.50/- and it is enough to pay the examination fee alone.
- Candidates who have made One-Time Registration must apply for the notified posts. One-Time Registration is only to avail exemption for application fee for a period of 5 years from the date of registration.

(For further details regarding the Examination fee concessions refer para 12 of the 'Instructions to Candidates')

**9. NO OBJECTION CERTIFICATE / AND INFORMATION TO THE EMPLOYER:**

For details refer para 15(g) of the Commission's 'Instructions to Candidates'. – Any violation of this instruction will be liable for / end in rejection of the candidature. (para 15(g) of Instructions to the candidates may be read as "No objection certificate / and Information to the Employer")

**10. CONCESSIONS:-**

"Concessions in the matter of age and / or fee allowed to SCs, SCA's, STs, MBCs/DCs and BCs, BCM's, Destitute Widows, Ex-Servicemen, Differently Abled persons, other categories of persons etc., are given in para 12,13, 14 of the Commission's "Instructions to the Candidates".

**11. HOW TO APPLY:-**

- Candidates should apply only through online in the Commission's Website [www.tnpsc.gov.in](http://www.tnpsc.gov.in) or in [www.tnpscexamns.net](http://www.tnpscexamns.net).
- Before applying, the candidates should have scanned image of their photograph and signature in CD/DVD/Pen drive as per their convenience.
- A valid e-mail ID and Mobile Number are mandatory for registration and email ID should be kept active till the declaration of results. Candidates are cautioned to keep your e-mail ID and pass word confidentially since communication will be sent to the mobile and e-mail.
- 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, candidates 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.
- The candidates who wish to receive SMS should register their mobile number in the application.

**11 (A) Applying Online:**

1. Candidates are first required to log on to the TNPSC's website [www.tnpsc.gov.in](http://www.tnpsc.gov.in) or [www.tnpscexamns.net](http://www.tnpscexamns.net).
2. Click "Apply Online" to open up the On-Line Application Form.
3. Select the name of the post or service for which you wish to apply.
4. If you already have Unique ID, enter the Unique ID and password to view the already available information and update them, if necessary.
5. If you do not have valid ID, please enter all the required particulars without skipping any field.
6. Candidates are required to upload their latest photograph and signature as per the specifications given in the Guidelines for Scanning and Upload of Photograph and Signature.
7. **An online application uploaded without the photograph and signature will be rejected.**

**Note:-**

Candidate who have One-time Registration ID (Unique ID) and password, have to apply again for all notifications. **One time registration will not be considered as an application for any post.**

**11(B) Mode of Fee Payment:-**

Select the mode of payment (Online Payment/Offline Payment).

**11(C) Online Payment (Net Banking, Credit card/Debit card)**

1. In case candidates who wish to pay fees through the online payment gateway, i.e Net Banking, Credit Card and Debit card Payment, **an additional page of the application form will be displayed** wherein candidates may follow the instructions and fill in the requisite details to make payment.
2. After submitting your payment information in the online application form, please wait for the intimation from the server, **DO NOT press Back or Refresh button in order to avoid double charge.**
3. If the online transaction has been successfully completed a Registration ID

Number and Password will be generated. Candidates should note their Registration ID Number and Password for future reference in respect of the post applied for.

**11 (D) Offline Payment (Post Office or Indian Bank)**

1. For offline mode of payment candidates have to select either Post Office or Indian Bank Branch.
2. Click "SUBMIT" to submit the Application form.
3. Candidates will be provided with Application Number and password. Please note down the Application Number and password.
4. On Submission, system will generate the payment chalan which the candidate need to take print out and go to the nearest branch of Indian bank or the Designated Post Offices as the case may be, to make the payment.
5. Collect the candidate's copy of the fee payment chalan from the Branch. Check that the chalan is properly signed and the details of Transaction Number, Branch Name and DP Code Number, Deposit Date have been noted in the chalan by the Branch authorities.
6. Online Application Registration will be taken as successful one, only if the payment is made either in the post office or in the Indian Bank **within two working days from the date of registration/submission of application.**

**11(E) Print Option:-**

1. After submitting the application, candidates can print /save their application in PDF format.
2. On entering Registration Number and password, candidates can download their application and print, if required.
3. Candidates 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 candidates come up for next stage of selection.

**Note:**

- i. Candidates are advised in their own interest to apply on-line much before the closing date and not to wait till the last date for depositing the fee/ intimation charges to avoid the possibility of disconnection/inability/failure to log on the TNPSC's website on account of heavy load on internet/website jam.
- ii. TNPSC does not assume any responsibility for the candidates not being able to submit their applications within the last date on account of the aforesaid reasons or for any other reason beyond the control of the TNPSC.
- iii. Under no circumstances, a candidate should share/mention e-mail ID or Mobile Number to any other person. In case a candidate does not have a valid personal e-mail ID, they should create a new e-mail ID before applying on-line and must maintain that email account.
- iv. There is a provision to modify the submitted Online Application. Candidates are instructed to make use of this facility to correct their details in the Online Application if any. This modification facility will be available up to the last date for applying online for the particular post. After this date, no modification will be permitted. Candidates should take utmost care and caution while filling in the Online Application. Note that no modification in fee payment details will be permitted for candidates who pay fees/ intimation charges through the online mode. Since certain



fields are firm, fixed and cannot be edited, candidates are advised to fill in the online application form with the utmost care and caution as no correspondence regarding change of details will be entertained.

- v. Candidates should carefully fill in the details in the On-Line application at the appropriate places and click on the "SUBMIT" button at the end of the On-Line application format. Before pressing the "SUBMIT" button, candidates are advised to verify each and every particular column in the application. The name of the candidate or his /her father/spouse etc., should be spelt correctly in the application as it appears in the certificates/mark sheets. Any change/alteration found may disqualify the candidature.
- vi. Request for change/correction in any particulars in the Application form shall not be entertained under any circumstances **after the last date for** editing/ updating application details specified. TNPSC 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 form.
- vii. Commission is not responsible for the online payment failure.

## **12. OTHER IMPORTANT INSTRUCTIONS:**

- a. **Candidates should ensure their eligibility for examination:** The candidates applying for the examination should ensure that they fulfil all eligibility conditions for admission to examination. **Their admission to all stages of the examination will be purely provisional subject to satisfying of the eligibility conditions.** Mere issue of memo of admission to the candidate will not imply that his/her candidature has been fully cleared by the Commission.
- b. **How to apply:** Candidates are required to apply Online by using the website [www.tnpsc.gov.in](http://www.tnpsc.gov.in) or [www.tnpsceexams.net](http://www.tnpsceexams.net) Detailed instructions for filling up online application are given in Para 11 of this Notification.
- c. The Hall Tickets for eligible candidates will be made available in the Commission's Website [www.tnpsc.gov.in](http://www.tnpsc.gov.in) or [www.tnpsceexams.net](http://www.tnpsceexams.net) for downloading by candidates. So, the candidates / applicants should watch Tamil Nadu Public Service Commission website since two weeks ahead/ before the scheduled date of examinations. No Hall Tickets will be sent by post.
- d. **Grievance Redressal Cell for guidance of candidates:-** In case of any guidance/information/clarification of their applications, candidature, etc., candidates can contact Tamil Nadu Public Service Commission's Office in person or over Telephone No.044-25300300 or the Commission's Office Toll-Free No. 1800 425 1002 on all working days between 10.00a.m. and 05.45 p.m.
- e. **Mobile Phones and other Articles Banned:**
  - (i) Candidates are not allowed to bring Pager, Cellular Phone, Calculator, Memory Notes and books etc., or any other Electronic device or Recording Device either as separate piece or part of something used by the candidate such as Watch or Ring etc., to the examination hall / room on the date of Examination.
  - (ii) If they are found to be in possession of any such thing or instrument they will not be allowed to attend 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) Do not bring into the Examination Hall any article such as books, notes, loose sheets mathematical and drawing instruments, Log Tables, stencils of maps, slide rules, Text Books, rough sheets etc., except the permitted writing material (i.e. pen). No colour pen or Pencil must be used.
- (iv) Candidates are advised in their own interest not to bring any of the banned items including Mobile Phones / Pagers to the venue of the examination, as arrangements for safekeeping cannot be assured.
- f. Candidates are not required to submit along with their application (except the proof for equivalence of qualification specified in note under para 4(B) of the notification) any certificates in support of their claims regarding Age, Educational Qualifications, Physical Qualification Experience/ Community Certificates and certificates regarding their Physical Disability, etc., which should be submitted when called for by the Tamil Nadu Public Service Commission. The candidates 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 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 and Oral Test, it is found that they do not fulfil any of the eligibility conditions, their candidature for the examination will be cancelled by the Commission.
- g. **Unfair means strictly prohibited:** No candidate shall copy from any other candidate nor permit his papers to be copied nor give nor attempt to give nor obtain nor attempt to obtain irregular assistance of any description.
- h. **Conduct in Examination Hall:** No candidate 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 severely viewed & penalised.
- i. If any of their claims is found to be incorrect they may render themselves liable to disciplinary action by the Commission.

**The Online Application can be filled upto 09.01.2015 till 11.59 p.m., after which the link will be disabled**

*(For any additional information candidates may refer Commission's 'Instructions to the Candidates' at the Commission's website [www.tnpsc.gov.in](http://www.tnpsc.gov.in) )*

**Secretary**

**PAPER-I**  
**Social And Preventive Medicine**  
 DEGREE STANDARD

**Paper-I**

1. Concept of health and diseases:- Preventive Medicine, Social Medicine, Definition of health, Dimension of health, Spectrum of health, Determination of health and Indicator of Health Natural history of disease, concept of disease control, Levels of prevention, and modes of intervention for diseases and condition, International classification of diseases and coding system.

2. Principles of epidemiology and epidemiologic methods:- Aims of epidemiology, epidemiological approaches, rates and ratios, measurements of mortality, measurement of morbidity, epidemiological methods, descriptive epidemiology analytical epidemiology and Experimental Epidemiology. Uses of epidemiology, Investigation of an epidemic, International death certificate.

3. Travel medicine:- Health risks of travellers, its prevention, Immunisation, Chemoprophylaxis, Medicals kit.

4. Screening of disease:- Concept of disease screening, uses of screening, criteria for screening, sensitivity and specificity of a screening test, types of screening common screening tests used, surveillance for a disease, types of surveillance, uses of surveillance.

5. Epidemiology of:- Measles, Rubella, Mumps, Chicken Pox, Acute Respiratory infection, Diphtheria, pertussis and tetanus, Tuberculosis, Poliomyelitis, Viral Hepatitis, Acute Diarrhoeal diseases, Food Poisoning, Dengue syndromes, Malaria, Filariasis, Rabies, Plague, Japanese Encephalitis, Leishmaniasis, Leprosy, Sexually transmitted diseases and Acquired Human immunodeficiency syndromes.

6. Epidemiology of:- Coronary heart disease, Hypertension, stroke, Rheumatic heart disease, cancer, diabetes, obesity, Blindness, Accidents etc.

7. Social Sciences and Medicine:- Concepts in Sociology, social Anthropology, Social control mechanism, Social problem, Personality, components and development, social psychology, Social organisation, Social institution, Family in Health and disease, Cultural factors in health disease, Hospital sociology, Social security.

8. Laws in the field of community health:- The prevention of food adulteration Act, 1954 - The Medical termination of pregnancy Act 1971 - The Employees State Insurance Act 1948 - The Indian Factories Act 1948 - The Central Maternity Benefit Act 1961 - The Children Act 1960 - The Central birth and death registration Act 1969 - The epidemic diseases Act 1897 - Juvenile Justice Act 1986 - The Tamil Nadu Public Health Act.

9. Environment and health:- Purification of water, water quality, criteria and standards, surveillance of drinking water quality water sampling, Air pollution, Noise pollution, Housing, Disposal of Waste solid waste, liquid waste, excreta disposal, Modern Sewage treatments methods, Medical entomology, Insecticides and Larvicides. Life history of arthropods and insects of Public Health Importance, Vector Control.

10. Occupational health problem its causes, effects, prevention, Prevention and Social measures for genetic diseases, common mental health problem and its prevention.

Paper -II

1. Health Programmes in India:- National Malaria Eradication Programme National Filariasis Control Programme National Tuberculosis Control Programme National Leprosy Eradication Programme Acute Diarrhoeal diseases Control Programme Guinea worm Eradication Programme Iodine deficiency disorders control programme National Programme for Control of Blindness National Cancer Control Programme National Mental Health Programme Child Survival and Safe Motherhood Programme Reproductive and child health Programme Universal Immunisation Programme National Family Welfare Programme National Nutritional Programme.

2. Demography & Family Planning:- Demographic cycles, Demographic trends, fertility, National Health Policy, National Population Policy, Contraceptive methods and its evaluation.

3. Nutrition and health:- Concept of balanced diet. Common Nutritional deficiency disorders, Assessment of Nutritional status, Social aspects of Nutrition, Nutrition surveillance, Food hygiene, Milk hygiene, Meat hygiene, Food borne diseases, Community Nutrition Programmes, Diet, in disease condition like DIABETES & Hypertension etc.,

4. Preventive Obstetrics, Paediatrics and Geriatrics:- Ante-natal, intra natal and Post natal care, Care of new born, Infant care growth monitoring, immunization, Care of the Pre-School child, Under five clinics, rights of the child, Delivery of MCH Care, Indicators for MCH Care, School Health Service and Programmes, Rehabilitation of handicapped children, ICDS Scheme, Health problem of the Aged.

5. Health information and basic medical statistics:- Health information system, Sources of Health Information, Elementary Statistical methods, Statistical averages, sampling, normal distribution, Tests of Significance Mortality statistics, Morbidity Statistics, Fertility statistics, Estimation of beneficiaries for various services.

6. Health education and communication:- Health education objectives, contents, principles, communication in health education, Audio Visual AIDS, Practice of Health education, planning for health education, Counselling process.

7. Health Planning and Management:- Health Planning objectives, Planning cycle, Management Process methods and techniques, Health system in India, Evaluation of Health Services, Planning for a health programme in a community. MONITORING AND SUPERVISION

8. Health care of the Community:- Primary Health Care, concept, components, levels of health care, Principles of Primary Health Care, Health status and Health problems, voluntary health agencies

9. International health:- WHO, UNICEF, Voluntary Health Agencies.

10. Health Economic:- Economic values of life. National economy and health, Costs of sickness and cost of health. Budgeting health Programmes, evaluation of health programmes cost and benefit

**PAPER-II**  
**General Studies**  
**(Degree Standard)**

**UnitI****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 and Communication -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-Biocommunication

**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-Communicable diseases and non- communicable diseases- prevention and remedies- Alcoholism and drug abuse-Animals, plants and human life

**UnitII.****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 Science1.**

India's foreign policy-2. Latest court verdicts – public opinion-3. Problems in conduct of public elections-4. Political parties and political system in India- 5. Public awareness & General administration-6. Role of Voluntary organizations & Govt.,-7. 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

**UnitIII.**

**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 including Surface transport & communication-Social geography – population-density and distribution-Natural calamities – disaster management-Climate change - impact and consequences - mitigation measures-Pollution Control

**UnitIV.**

**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.

#### **UnitV**

#### **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

#### **UnitVI.**

#### **Indian economy**

Nature of Indian economy-Need for economic planning-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

#### **UnitVI.**

#### **Indian national movement**

National renaissance-Early uprising against British rule-1857 Revolt- Indian National Congress-Emergence of national leaders-Gandhi, Nehru, Tagore, Nethaji -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

#### **UnitVII.**

#### **APTITUDE & MENTAL ABILITY TESTS**

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-