



# TAMIL NADU PUBLIC SERVICE COMMISSION

Advertisement No.526  
Notification No.38/2018

DATED: 19.12.2018

Applications are invited only through online mode up to 18.01.2019 for direct recruitment to the following posts.

Individual communication regarding the date and time of Certificate Verification, Oral Test and Counselling will not be sent to the Candidates, and the above details will be made available in the Commission's Website. Candidates will be informed of the above fact only through SMS and e-mail.

Name of the Post and Post Code	Name of the Service and Service Code.	No. of vacancies	Scale of Pay
Inspector of Salt in the Department of Industries and Commerce (Code No.1931 )	Tamil Nadu Industries Subordinate Service (Code No.044)	1 GT(G) [2015-16]	Rs.35,900 - 1,13,500/- (Level 13)
Store Keeper in the Department of Forensic Sciences (Code No.1768)	Tamil Nadu Forensic Science Subordinate Service (Code No.033)	1 GT(G) [2013-14]	Rs.19,500 - 62,000/- (Level 8)

**Abbreviation :** GT- General Turn ; G - General

The number of vacancies is only approximate and is liable for modification including reduction with reference to vacancy position at any time before finalisation of selection.

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

The rule of reservation of appointment **is applicable** for the post of **Inspector of Salt**, and as per the turn, the vacancy is distributed to General Turn (G) in this recruitment.

The rule of reservation of appointment **is not applicable** for the post of **Store Keeper** since the cadre strength of this post is 'one'.

## 3.IMPORTANT DATES AND TIME

Date of Notification	19.12.2018	
Last date for submission of online application	18.01.2019	
Last date for payment of Examination Fee through Bank (State Bank of India or Indian Bank)	21.01.2019	
<b>Date of Written Examination</b>		
Paper – I (Subject Paper) (Degree Standard)	24.03.2019 FN	10.00 A.M. to 01.00 P.M
Paper – II (General Studies) (Degree Standard)	24.03.2019 AN	02.30 P.M. to 04.30 P.M

#### 4. FEES

a)	<p><b><u>Registration Fee</u></b></p> <p>For One-Time Registration (Revised with effect from 01.03.2017 vide G.O.(Ms).No.32, Personnel and Administrative Reforms (M) Department, dated 01.03.2017)</p> <p><b><u>Note</u></b></p> <p>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.</p>	Rs.150/-
b)	<p><b><u>Examination Fee</u></b></p> <p><b><u>Note</u></b></p> <p>The Examination fee <b>should be paid</b> 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 Widows of all communities	Full Exemption	(i) For Differently Abled Persons, the disability should be not less than 40%. (ii) For Destitute Widows, the Destitute Widow certificate should have been obtained from the RDO / Sub Collector/ Assistant Collector
(iii) Most Backward Classes / Denotified Communities, Backward Classes (Other than Muslims), Backward Class (Muslims)	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 for those Ex-Servicemen who have already been recruited to any class or service or category.

**Note :**

- (i) The three / two free chances allowed 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.
- (ii) Failure to pay the prescribed fee along with the application in-time, will result in the rejection of application.
- (iii) 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 applications submitted to the Commission for any post / recruitment.
- (iv) 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 all the previous applications submitted through One Time Registration and / or submitted directly without One Time Registration.

**[For further details regarding Examination Fee concession, refer to para. 12 of the "[Instructions to Applicants](#)".]**

**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 State Bank of India / 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 by paying Rs.50/- before 01.03.2017 and having validity and those who have registered for One-Time Registration on or after 01.03.2017 by paying Rs.150/- towards One-Time Registration are exempted from paying the registration fee for this recruitment.
- Applicants have also to pay the service charges applicable to the State Bank of India / Indian Bank.
- Applicants can avail exemption from paying Examination fees as per eligibility criteria.
- **Offline mode of payment in the form of Demand Draft / Postal Order etc., will not be accepted and the applications forwarded with such modes of payment will be summarily rejected.**

**[For further details refer para 2 (13-23) of "[Instructions to Applicants](#)".]**

## 6. QUALIFICATIONS

### (A) AGE LIMIT (As on 01.07.2018) (For both the posts)

Category of Applicants	Maximum Age
SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs and Destitute Widows of all castes	No maximum age limit
'Others' [i.e., Applicants not belonging to SCs, SC(A)s, STs, MBCs/DCs, BCs and BCMs]	30 years (should not have completed)

#### Note

Applicants not belonging to SCs, SC(A)s, STs, MBCs/DCs, BC(OBCM)s, BCMs who have put in five years and more of service in the State / Central Government are **not eligible** to apply even if they are within the age limit.

**Explanation:** - "No maximum age limit" shall mean that the candidates should not have completed 58 years of age either on the date of Notification or at the time of selection/ appointment to the post.

[For further details regarding Age limit refer para 5 of "[Instructions to Applicants](#)" and Section 3(r) of [Tamil Nadu Government Servants \(Conditions of Service\) Act, 2016](#)]

#### Age Concession

SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs		'Others' i.e. Applicants not belonging to SCs, SC(A)s, STs, MBCs/DCs, BCs, BCMs	
Differently Abled Persons	Ex-Servicemen	Differently Abled Persons	Ex-Servicemen
No maximum age limit		40 years	48 years

#### Note

- (i) The above mentioned age concession will not apply to those Ex-Servicemen applicants who had already been recruited to any class or service or category.
- (ii) Instructions given with regard to maximum age limit under para 5 of the "[Instructions to Applicants](#)" will apply to this recruitment.

**(B) EDUCATIONAL QUALIFICATION AND EXPERIENCE (As on 19.12.2018)**

Applicants should possess the following or its Equivalent qualification from a University or Institution recognized by the University Grants Commission and Experience as on 19.12.2018 i.e. date of this Notification.

S.No.	Name of the Post	Educational Qualification	Experience
1.	Inspector of Salt	A Bachelor's Degree in Chemistry	Practical Experience for a period of not less than one year in a Salt factory having an area of not less than ten acres.
2.	Store Keeper	A Degree in Physics or Chemistry	Experience for a period of not less than three years as Store Keeper in a reputed firm or a Government Institution.

**Note**

- i. The Degree qualification prescribed for this post should have been obtained by passing the required qualification in the order of studies, viz., SSLC+ HSC or its equivalent + UG Degree from the recognised Institutions as required under Section 25 of Tamil Nadu Government Servants (Conditions of Service) Act, 2016.

**(Results of the Examination should have been declared on or before the date of this Notification)**

- ii. Experience should have been gained after passing the prescribed Educational Qualification.
- iii. Candidates claiming Equivalence of qualification to the prescribed qualification should submit evidence for Equivalence of qualification in the form of Government Order issued on or before the date of this Notification, failing which their application **will be summarily rejected**. The Government Orders issued declaring 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** to this Notification. (Refer also to the Disclaimer annexed to this Notification)

**[For further details regarding Equivalence of Qualification refer para 10 of the ["Instructions to Applicants"](#)]**

**(C) CERTIFICATE OF PHYSICAL FITNESS**

Candidates selected for appointment to this post will be required to produce a Certificate of Physical Fitness in the form prescribed below before their appointment.

S.No	Name of the Post	Standard of Vision	Form of Certificate of Physical Fitness
1.	Inspector of Salt	Standard III or Better	Form prescribed for 'Executive posts'
2.	Store Keeper	<b>Standard III or Better</b> (Colour Blindness or Night Blindness is considered as disqualification for recruitment to this post)	Form prescribed for 'Other than Executive and Ministerial posts'

**(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 Fees allowed to SCs, SC(A)s, STs, MBCs/DCs, BCs,BCMs, Destitute Widows, Differently Aabled Persons, Ex-Servicemen and other categories of persons are given in paras. 12 to 14 of the ["Instructions to Applicants"](#).

(ii) Persons claiming concessions referred to above and other claims made in the application, have to produce evidence for such claims when called for by the Tamil Nadu Public Service Commission, 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 (FOR BOTH THE POSTS) :-**

Subject	Duration	Maximum Marks	Minimum Qualifying Marks for selection	
			SCs,SC(A)s,STs, MBCs/DCs,BCs and BCMs	Others
<u><b>i. Paper- I (Subject Paper)</b></u> <u><b>(Any one of the following Subjects)</b></u> <b>(Degree Standard)</b> <b>(200 Questions)</b> <b>Chemistry</b> (Code No.243) <b>(OR)</b> <b>Physics</b> (Code No.241)	3 hours	300	171	228
<u><b>ii. Paper - II (General Studies)</b></u> <b>(100 Questions)</b> General Studies (Degree Standard) - 75 Questions <b>AND</b> Aptitude and Mental Ability (SSLC Standard) - 25 Questions	2 hours	200		
<u><b>iii. Interview and Records</b></u>	---	70		
<b>Total</b>		570		

**Note**

- (i) The Syllabi for Examination is furnished in the [Annexure III](#) of the Notification and also available in the Commission's website [www.tnpsc.gov.in](http://www.tnpsc.gov.in)
- (ii) The questions in Paper - I and Paper - II will be set both in English and Tamil.
- (iii) In the online application, applicants should choose and specify any one of the subjects mentioned on the 'Scheme of Examination' in which they had obtained the Degree qualification.

**9. EXAMINATION CENTRES**

Examination will be held at the following centres: -

Name of the Centre	Centre Code
Chennai	0100
Madurai	1000

**Note**

- (i) Request for change of Examination Centre / Venue will not be entertained.
- (ii) Candidates will be required to appear for the Written Examination / Certificate Verification / Oral Test at their own expenses.
- (iii) The Commission reserves the right to increase / decrease the number of Examination Centres and to re-allot the candidates with respect to the number of candidates opted for each centre.

[For further details refer paragraph 22 (b) of ["Instructions to 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 in the Written Examination and Oral Test taken together subject to the rule of reservation of appointment. Candidate's appearance in both the papers of the Written Examination and in the 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. Based on the marks obtained by the candidates in the Written Examination, the tentative list of eligible candidates for Certificate Verification will be announced in the Commission's website. After verification of the original certificates, the eligible candidates will be summoned for Oral Test following the rule of reservation of appointment.

[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/ Counselling. No Objection Certificate should be produced in the format prescribed under para 15 (g) of Commission's ["Instructions to Applicants"](#). Any violation of this instruction will be liable for rejection of application and forfeiture of his/her Candidature.

## 12. GENERAL INFORMATION

- A. The rule of reservation of appointment is applicable for the post of **Inspector of Salt**. However, General turn arises in this recruitment to the post of Inspector of Salt. The rule of reservation of appointment is not applicable for the post of **Store Keeper** since the cadre strength of this post is '**one**'.
- B. The number of vacancies advertised is only approximate and is liable for modification / reduction with reference to vacancy position, at any time before finalization of selection.
- C. The selection for appointment to this post is purely provisional subject to final orders pending on the Writ Petitions, if any, filed before the Hon'ble Madras High Court and Madurai Bench of Madras High Court.
- D. Reservation of appointment to **Destitute Widows, Ex-Servicemen and Differently Abled Persons** **will not apply** to this recruitment.
- E. The Differently Abled Persons who apply under other eligible category should submit / upload a copy of Differently Abled Certificate from the competent authority specifying the nature of physical handicap and the degree of disability as per para 14(b) of "[Instructions to Applicants](#)" for their claim, when called for by the Tamil Nadu Public Service Commission.
- F. Evidence for claims made in the online application should be uploaded / submitted within stipulated time when the documents are called for by the Tamil Nadu Public Service Commission. Any subsequent claim made thereafter on submission of online application will not be entertained. Failure to submit the documents within the stipulated time limit **will entail rejection of the application**.
- G. 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 submission of online application i.e., the details thereof, originals of the Judgement, order or Government Order dropping further action in Departmental proceedings or any document that may prove the suitability of such candidate for a Government appointment in such cases must be produced at the stage / time of Certificate Verification without fail. All such events that occur after the submission of application and till the date of his / her selection and appointment shall be reported to the Commission forthwith then and there. Failure to report on the part of candidate will be considered as suppression of material information and will attract suitable penal action.
- H. Incomplete applications and applications containing wrong claims or incorrect particulars relating to category of reservation / age / communal category / educational qualification / Persons Studied in Tamil Medium / physical qualification and other basic eligibility criteria **will be liable for rejection**.
- I. **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) **Applicants should ensure their eligibility for Examination:** The applicants applying for the Examination should go through all instructions carefully and 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 satisfaction of the eligibility conditions.** Mere issue of memo of admission to the applicant will not imply that his/her Candidature has been fully cleared by the Commission.
- b) The **Hall Tickets** for eligible candidates will be made available in the Commission's website <http://www.tnpsc.gov.in> or [www.tnpscexams.net](http://www.tnpscexams.net) or [www.tnpscexams.in](http://www.tnpscexams.in) for downloading the same by candidates. **Hall Tickets will not be sent by post.** Hence, the candidates should watch Commission's website before the scheduled date of Examination. The candidates must comply with each and every instruction given in the Hall Ticket.
- c) **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 between 10.00 A.M. and 05.45 P.M or the Commission's e-mail id [contacttnpsc@gmail.com](mailto:contacttnpsc@gmail.com).
- d) **After Notification, during the process of recruitment till publication of result, no information, under Right to Information Act, would be furnished.**
- e) **Mobile Phones and other articles Banned:**
- i. Except the permitted writing material (i.e. pen), applicants are not allowed to bring cellular phones, electronic or any other type of calculators, watches and rings with inbuilt memory notes, recording devices either as a separate piece or part of something used by the applicant such as watch or ring etc or any other electronic devices and non - electronic devices such as P&G design data book, mathematical and drawing instruments, log tables, stencils of maps, slide rules, books, notes, loose sheets, rough sheets, hand bags etc., into the Examination Hall / Room.
  - ii. If they are found to be in possession of any such 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](#)").
  - iii. Candidates are advised in their own interest not to bring any of the banned items including Mobile Phones to the Venue of the Examination, as arrangements for safekeeping cannot be assured.
- f) Unless specific instruction is given, applicants are not required to submit along with their application any certificates (in support of their claims regarding age, educational qualifications, physical qualification, community, physical disability etc.,) which should be submitted when called for by the Commission. Applicants applying for the Examination should ensure that they fulfil all the eligibility conditions for admission to the Examination. Their admission at all the stages of Examination for which they are admitted by the Commission will be purely provisional, subject to their satisfying the prescribed eligibility conditions. If, on verification at any time before or after the Written Examination / Certificate Verification / Oral Test, it is found that they do not fulfil any of the eligibility conditions, their Candidature for the Examination will be liable for rejection / cancellation by the Commission. (For further details refer to the "[Instructions to Applicants](#)").
- g) If any of their claims is found to be incorrect, it will lead to rejection of their Candidature and suitable penal action including debarment.

- h) UNFAIR MEANS STRICTLY PROHIBITED:** No candidate shall copy from the papers of any other candidate or permit his/her papers to be copied or give or attempt to give or obtain or attempt to obtain irregular assistance of any description. [For further details refer [“Instructions to Applicants”](#)].
- i) 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 and penalised. [For further details refer [“Instructions to Applicants”](#)].
- j) 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

- (i) Applicants should apply only through online mode in the Commission’s Website <http://www.tnpsc.gov.in> , <http://www.tnpscexams.net> , <http://www.tnpscexams.in>
- (ii) ‘One-Time Registration’ (OTR) and ‘Applicant’s 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.
- (iii) To apply under One-Time Registration, applicants should have scanned image of their photograph, certificate specified, if any and signature in CD/DVD/Pen Drive to upload the same, as per the specifications given in the guidelines for scanning and uploading of photograph and signature.
- (iv) 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.
- (v) Applicants should enter the Unique ID and password to view the already available information and update them.
- (vi) 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.
- (vii) Applicants should select the name of the post(s) and service to which they wish to apply.
- (viii) An online application uploaded without the photograph, specified documents and signature will be rejected.
- (ix) All the particulars mentioned in the online application including Name of the Applicant, Post applied, Educational qualifications, Communal category, Date of Birth, Address, e-mail 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 utmost care and caution as no correspondence regarding change of details will be entertained.

**(x) PRINT OPTION**

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

**(xi) One-Time Registration will not be considered as an application for any post.**

**15. UPLOAD / SUBMISSION OF DOCUMENTS**

Candidates should upload/submit the Experience Certificate referred to the prescribed posts in paragraph 6(B) of the Notification in the format provided in **Annexure – II** when called for by the Tamil Nadu Public Service Commission. If, the required certificate is not uploaded or submitted by the candidate when called for by the Commission, his/her application will not be considered for the above said posts.

**16. LAST DATE FOR SUBMITTING ONLINE APPLICATION**

The Online Application can be submitted up to 18.01.2019 till 11.59 p.m., after which the link will be disabled.

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

**Warning**

- All the Recruitments conducted by the Tamil Nadu Public Service Commission are purely merit based.
- Tamil Nadu Public Service Commission hereby cautions the candidates against touts and agents who cheat by making false promises of securing job through unfair means.
- 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 into any sort of actions with such unscrupulous persons.

**எச்சரிக்கை**

- தேர்வாணையத்தின் தெரிவுகள் அனைத்தும் விண்ணப்பதாரர்களின் தர வரிசைப்படியே மேற்கொள்ளப்படுகின்றன.
- பொய்யான வாக்குறுதிகளை சொல்லி, தவறான வழியில் வேலை வாங்கி தருவதாக கூறும் இடைத்தரகர்களிடம் விண்ணப்பதாரர்கள் மிகவும் கவனமாக இருக்குமாறு எச்சரிக்கப்படுகிறார்கள்.
- இதுபோன்ற தவறான மற்றும் நேர்மையற்ற நடபர்களால் விண்ணப்பதாரர்களுக்கு ஏற்படும் எந்தவொரு இழப்புக்கும் தேர்வாணையம் எந்தவிதத்திலும் பொறுப்பல்ல.

**Secretary**

**DISCLAIMER**

“The Government Orders relating to Equivalence of Qualification are available in the Tamil Nadu Public Service Commission’s website. However, the applicants while applying for the Examination should furnish the details of Equivalence of Qualification declared in the form of Government Orders issued on or before the date of this Notification if any, which are not mentioned in Annexure - I to the Notification and produce the same while submitting the documents, 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**

**The following qualifications are declared as Equivalent.**

<b>Sl.No</b>	<b>Qualification</b>	<b>G.O.</b>
1.	Five Year Integrated courses offered by Annamalai University M.Sc Physics and M.Sc Chemistry be recognized as equivalent to corresponding UG Degrees for considering the candidates to be eligible for the posts where degree is prescribed.	G.O.(Ms).No.75, Personnel and Administrative Reforms (M)Department, dated 30.06.2011.
2.	B.Sc Physics with Specialization in Electronics awarded by Bharathidasan University is equivalent to B.Sc Physics for the purpose of employment in Public Services.	G.O.(Ms).No.270, Higher Education(K2) Department, dated 31.12.2013.
3.	(i) B.Sc Physics with Computer Applications awarded by Bharathiar University is considered as equivalent to B.Sc Physics. (ii) B.Sc Physics (Electronics Communication and Computer Applications awarded by Vivekananda College(Autonomous), Madurai Kamaraj University is considered as equivalent to B.Sc Physics.	G.O.(Ms).No.27, Higher Education(K2) Department, dated 13.02.2014.
4.	(i) B.Sc (Special) Physics awarded by Lady Doak College (Autonomous) affiliated to Madurai Kamaraj University is considered as equivalent to B.Sc Physics. (ii) B.Sc Physics with Specialization in PC Hardware and Networking awarded by Lady Doak College affiliated to Madurai Kamaraj University <b>and</b> B.Sc (Special) Physics with Computer Applications awarded by MKU are considered as equivalent to B.Sc Physics.	G.O.(Ms).No.116, Higher Education (K2) Department, dated 22.07.2014.
5.	B.Sc (Special) Chemistry with Cheminformatics awarded by Lady Doak College affiliated to MKU is considered as equivalent to B.Sc Chemistry for the purpose of employment in Public Services.	G.O.(Ms).No.232, Higher Education (K2) Department, dated 18.11.2016.
6.	(i) B.Sc (Special) Chemistry degree course of Lady Doak College (Autonomous) affiliated to Madurai Kamaraj University is equivalent to B.Sc Chemistry Degree course for the purpose of employment in Public Services. (ii) B.Sc (Special) Chemistry Semester Degree course of American College (Autonomous), Madurai affiliated to Madurai Kamaraj University is equivalent to B.Sc Chemistry degree course for the purpose of employment in Public Services.	G.O.(Ms).No.323, Higher Education (K2) Department, dated 13.11.17.

**ANNEXURE-II****FORMAT FOR EXPERIENCE CERTIFICATE FOR THE POST OF****INSPECTOR OF SALT**

(in Company letter pad)

Name & Address of the Employer with Contact No., e-mail id & website address.	
Company Registration No.	
Total No. of Employees in the Organisation.	

**EXPERIENCE CERTIFICATE**

This is to certify that Thiru. / Tmt. / Selvi. ....  
 S/D/W/O..... has worked / is working as  
 ..... (Designation of Employee) in the field of  
 ..... at .....  
 (Name of the Organisation & Place) from ...../...../..... (Date of Joining) to ...../...../.....  
 (Date of Leaving). During his tenure his/her work conduct has found to be  
 .....

Nature of work assigned to the Employee | .....  
 in not more than 15 words including | .....  
 implementing developmental work in a | .....  
 Salt Industry. |

Signature | .....  
 Name & Designation of signing Authority | .....  
 Date & Company Seal. | .....

**Note :** (Experience in a Recognised concern mean work in an Industrial or Engineering establishment having facilities for wide range of practical work and recognised by the Government of India or by any of the State Government or by the State Board of Technical Education and Training, Chennai for affording practical Training to candidates or any large or medium or small scale factory registered under Factories Act, 1948 ( Central Act LXIII of 1948) or the Director of Industries and Commerce, Chennai as a small scale industry using power and employing not less than ten persons in its manufacturing process.)

**FORMAT OF EXPERIENCE CERTIFICATE FOR THE POST OF  
STORE KEEPER**

1. Name and Address of the Institution / Organisation :
2. Whether the said Institution / Organisation is a recognized/registered one? :
3. Registration Number of Institution / Organisation if any :
4. Name of the Employee, Employee ID with Date of Birth :
5. Qualification possessed by the Employee on the Date of Joining Service in the above said Institution / Organisation :
6. Designation and period of Experience of the Employee :
7. Nature of the Work/Duty performed by the Employee (To be mentioned in brief) :
8. Whether the Employee possesses Experience as laid in para 6(B) of the Notification No.38/2018, dated 19.12.2018 : Yes / No
9. Whether Attendance Register / Attendance Rolls / Pay Register, Pay Disbursement Register and other records /available for this Employee : Yes / No
10. Certificate from the Institution / Organisation : The above said employee is having experience in this Institution / Organisation as stated above. The above particulars furnished by us are correct.

Office Seal:

Date:

Place:

Signature.

Name and Designation of  
the issuing Authority.

**Note:**

Institution / Organisation which issues the certificate is cautioned that issuing of any certificate containing false details will lead to legal / penal action on them.

**ANNEXURE-III**  
**SYLLABUS**  
**PAPER-I**

**PHYSICS (DEGREE STANDARD)**

**Code No.241**

**UNIT I**

**MECHANICS AND RELATIVITY**

Gravitation- Kepler's law- Gravitational constant and their determination variation of 'g' - Centre of gravity - Centre of gravity of a solid hemisphere - Hollow hemisphere - Tetrahedron and solid cone - Friction – Lubricants - Laws of friction - Cone of friction - angle of friction - Equilibrium of a body in a inclined plane - Impulse – Impact- Laws of Impact - Direct and oblique impact - Impact between two spheres - Loss of Kinetic energy – Moment of Inertia - Angular momentum and Kinetic energy of a revolving body - Moment of inertia of a sphere, shell and cylinder - Compound pendulum - Newton's laws and their limitations - postulates of special theory of relativity – Lorentz transformation equations and its applications - variation of Mass with Velocity - Mass - energy equivalence – Physical significance.

**UNIT II**

**PROPERTIES OF MATTER**

Elastic moduli - Relations - Couple per unit twist - Torsional oscillations - Bending of beams - Uniform and Non uniform bending - Elastic constants and their determinations - Viscosity of liquids - Highly viscous liquids – Stoke's and Searle's method- Surface Tension - Capillary rise - Method of drops - Surface tension of mercury - Quincke's Method - Laws of osmotic pressure and experimental determination of osmotic pressure- Fick's laws of diffusion - Determination of diffusivity – Applications.

**UNIT III**

**HEAT AND THERMODYNAMICS**

Specific heat capacity – Determination of specific heat capacity by Newton's law of cooling- Debye's theory- Mayer's relation - Vanderwaal's equation – Critical constants and Vanderwaal's constant - J K effect - Theory and experiment – Liquefaction of gasses – Hydrogen - Helium - Thermal conductivity - Forbe's method - Stefan's law - Experimental determination of Stefan's constant- Solar constant - Temperature of the sun-Zeroth, first law and second laws of thermodynamics - Isothermal and adiabatic change - Reversible and irreversible process - Carnot's theorem- Carnot engine -Carnot cycle - Entropy - Maxwell's thermo dynamical relations and its applications -Third law of thermodynamics.

**UNIT IV**

**SOUND**

Simple harmonic motion - Composition of two SHMs along a straight line and at right angles - Lissajou's figures - Laws of transverse vibrations - verification by sonometer and Melde's string - Forced vibrations and resonance - Beats – Doppler effect - Velocity of sound in solids and gases – Theory and experiment - Ultrasonics - production, properties and applications - Acoustics of buildings.



**UNIT V****OPTICS AND SPECTROSCOPY**

Spherical aberration - Chromatic aberration and their rectifications – Coma- Eyepiece - Ramsden's and Huygen's eyepieces - Interference - Colours of thin films - Newton's rings - Theory and experiment - diffraction – Fresnel's and Fraunhofer types – Zone plate -Diffraction grating – Prism- Grating spectra - dispersive and resolving power of a grating - Double refraction - Huygen's explanation – Nicol's prism - Quarter and half wave plates - Production and detection of plane, circular and elliptically polarized light - optical activity - Determination of specific rotatory power – Polarimeter - UV and IR Spectroscopy - Principle and application - Raman effect - Explanation of Raman effect on the basis of quantum theory - Applications of Raman effect – Optical fiber - Fiber optic sensors - Fiber optic communication systems and their advantages - Lasers - Population inversion - Ruby and Helium Neon Lasers and applications.

**UNIT VI****WAVE MECHANICS**

De Broglie concept of wave theory- Wave velocity and group velocity- De Broglie relations – Heisenberg's uncertainty principle – Basic postulates of wave mechanics- Schrodinger's Wave equation - Eigen function and Eigen values- Particle in a box – Linear harmonic oscillator (one dimension only).

**UNIT VII****ELECTRICITY AND MAGNETISM**

Coulomb's law - Permittivity of free space - Relative permittivity - Electric field – Intensity of field due to a point charge - Gauss theorem and its applications - Electric potential - Relation between potential and intensity - Electric dipole moment - potential and intensity due to a dipole- Capacitance - Capacity of a spherical, parallel and cylindrical capacitors - Energy of a charge capacitor - Dielectric constant - Ohm's law – Resistivity and conductivity - Internal resistance of a cell - EMF and Potential difference – Thermo Electricity - Peltier and Thomson Co Efficients - Laws of Electrolysis - Conductivity of an electrolyte Arrhenius theory of electrolytic conduction - Calculation of emf of Daniel cell as reversible cell -Magnetic field around a current carrying conductor - Biot and Savart's law - Ampere's law of magnetic force due to a current - Force between two current carrying parallel conductors- Force on an electron moving in a magnetic field - Faraday's laws of electromagnetic induction - Self and mutual inductance - Induction coils and its uses -Eddy currents - Transformers - Energy losses - Skin effect - Advantages of AC distribution over DC - Dynamos and motors -Magnetic poles - Magnetic moments - Susceptibility - Relation between susceptibility and permeability - Hysteresis - Dia, para, ferro magnetism - Electromagnetic waves in free space.

**UNIT VIII****ELECTRICAL CIRCUITS AND ELECTRONICS**

Kirchoff's laws for a loop and a junction - Measurements of circuit parameters (R,L and C) - AC circuits - Complex impedance and phase diagram – LCR Circuits - Series and parallel resonant circuits - Sharpness of resonance q factor. Semiconductors - Energy band theory of solid - Insulators - Conductors and Semiconductors - Intrinsic and extrinsic semiconductors - Electrons and holes as charge carriers - P-type and N-type semiconductors - Junction diodes - Characteristics of a diode - Diode applications - Junction transistors - characteristic of transistors - Rectifier, Amplifier and oscillator circuits - AM and FM transmission with block diagrams – Basic principles of super heterodyne receiver with block diagram - Photo conductive

cell - Photo diode - Solar cell - LED and LCD - construction and working T.V Camera – Vertical and Horizontal scanning - T.V Transmission and reception with block diagrams - T.V Antenna (Yogi type) - Colour TV - Three colour theory - Radar - Uses of radar. Logic circuits - AND, OR, NOT NAND, NOR and EX-OR gates - Truth tables - Multivibrators - Astable multivibrators - Flip flop circuits (RS and JK flip flops).

## **UNIT IX**

### **MODERN PHYSICS**

Canal rays -  $e/m$  of positive ions - Thomson's parabola method - Aston's mass spectrograph - Plank's quantum theory of black body radiation - Photoelectric effect - photo electric multipliers - Einstein's equation for photo electric effect - Millikan's experiment - Determination of Plank's constant. Bohr's theory of hydrogen atom - Spectra of Hydrogen and Hydrogen like atoms - Rydberg's constant - Spatial quantization - Sommerfeld atom model – Vector atom model-Seven quantum numbers - Pauli's exclusion principle - Examples of electronic configuration – Magnetic moment due to orbital motion and electron spin – Bohr magnetron - Experimental verification - Fine structure of sodium D Line – Zeeman effect - Anomalous Zeeman effect - Theoretical explanation.

## **UNIT X**

### **NUCLEAR AND SOLID STATE PHYSICS**

Properties of nucleus - size, charge, mass and spin - Nuclear magnetic dipole moment - Binding energy - Packing fractions - Nuclear forces - Nuclear models - Shell model and liquid drop model - Nuclear reactions – Radio activity and induced radio activity- Artificial transmutation Techniques - Application of Radio isotopes - Discovery, Production and detection of neutron - Accelerators - Betatron – Proton Synchrotron - Particle Detectors - Ionization chamber - GM counter – Elementary particle – Baryons and Leptons – Cosmic rays- Structure of crystals - Periodicity and plane in crystal - Symmetry elements and symmetry groups - Classification of crystals - Unit cell and crystal types Bonding -ionic, covalent, metallic and Vander wall's- X-rays - Bragg's law and absorption of X-rays - Mosley's law - Compton effect.

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**PAPER-I**  
**CHEMISTRY (DEGREE STANDARD)**

**Code No.243**

**UNIT I****PHYSICAL CHEMISTRY**

a) **Gas law and Kinetic Theory:-** Ideal gas equation - Deviation from ideal behaviour - Vander waals equation for real gases - Molecular velocities - the Maxwell's distribution of molecular velocities –heat capacity and viscosity of gases.

b) **Solid State:-** Crystal systems – Bravais lattice - Unit Cell - Miller Indices – Symmetry elements in crystals - Bragg's equation - Radius ratio's and packing in crystals – Determination of crystal structures by Braggs method – structure of NaCl, KCl, ZnS and spinals.

c) **Thermodynamics:-** Intensive and extensive variables - First law of thermodynamics – CP and CV relation - Hess's law of constant heat summation - Kirchoff's equation – Second law of thermodynamics - Carnot theorem - entropy and probability, Joule Thomson effect -Free energy and Chemical equilibrium - Temperature and pressure dependence and -Gibb's and Helmholtz functions – Heterogeneous equilibrium and Le – Chatlier principle.

**UNIT II**

d) **Chemical Kinetics:-** Rate laws - rate constant - order and molecularity of reactions I, II, III, and Zero order reaction Arrhenius theory - collision theory and Transition state theory - catalysis.

e) **Electro-Chemistry:-** Types of reversible electrodes - Nernst equation – reference electrode and standard hydrogen electrode - computation of cell e.m.f. calculations of thermodynamic quantities of cell reactions (DG, DH, DS and K) - Over potential and hydrogen over voltage - Arrhenius theory - Debye Huckel equation - Kohlraush's law - Ostwald's dilution law - Determination of PH and Pka of acids by potentiometric methods.

**UNIT III**

f) **Chemical spectroscopy:-** Elementary ideas of microwave, infrared, Raman, UV, NMR, ESR and Mass spectroscopy.

g) **Pharmaceutical chemistry:-** Terminology pharmacology, pharmacotherapies, toxicology, chemotherapy, classification, and nomenclature of drugs, sources of drugs, assay of drugs by biological, chemical and immunological methods, physiological effects of functional groups of drugs different types of drugs like analgesics, antibiotics, antiseptics, disinfectants, anaesthetics, antidepressants, antipsychotic etc.

**UNIT IV**

h) **Colloids and surface Chemistry:-** Classification – preparation, purification - properties - Tyndall effect- Gels - Emulsions Absorption - Langmuir isotherms – Heterogeneous catalysis.

i) **Physical properties and Chemical constitution:-** Surface tension - parachor and its application to structural problems – Dipole moment - applications of dipole moment measurements to structural studies of simple inorganic and organic molecules – magnetic properties of matter, diamagnetism, paramagnetism, ferromagnetism and antiferromagnetism- Applications to structural problems.

**UNIT V****INORGANIC CHEMISTRY**

j) **Periodic classification:-** Classification based on electronic configuration – periodic properties - atomic and ionic radii, ionisation potential, electron affinity and electronegativity- various scales - trend along periods and groups.

k) **Chemical bond:-** Lattice energy - VSEPR Theory and its applications - partial ionic character from electronegativity - Fajan's Rules.

l) **Compounds of Boron:-** Electron deficient nature of boron compounds - preparation and properties of halides and nitrates of boron - diborane – Borazine, silicones and structures of silicates.

## UNIT VI

### LANTHANIDES AND ACTINIDES

Occurrence Electronic configuration oxidation state, magnetic properties and complexation behaviour - comparison of lanthanides and actinides, lanthanide contraction and their position in the periodic table.

m) **Fertilisers:-** Ammonium nitrate, ammonium phosphate, Superphosphate and Diammonium Phosphate, NPK fertilisers.

n) **Nuclear Chemistry:-** Radio activity – detection and measurement – half life period - Nuclear stability, - n/p ratio - isotopes, isobars and isotones Nuclear reactions Spallation - Nuclear fission and fusion – stellar energy uses of nuclear energy - nuclear power projects in India - applications of tracers in industry, medicine, agriculture.

## UNIT VII

o) **Co-ordination Chemistry:-** Redo Nomenclature - theories of co-ordination compounds - Werner, valence bond, crystal field and ligand field theories - Effective atomic number - isomerism - Metal Carbonyls of iron and Nickel.

p) **Analytical Chemistry:-** i) Principles of volumetric analysis - different types of titrations-gravimetric analysis - separation and purification techniques.

## UNIT VIII

### ORGANIC CHEMISTRY

q) **Types of reactions:-** Nucleophilic, Electrophilic, free radicals, addition and elimination reactions.

r) **Electron displacement effects:-** Inductive, inductometric, electromeric, mesomeric, resonance, hyperconjugation and steric effects.

## UNIT IX

s) **Nature of Bonding:-** Hybridisation ( $Sp$ ,  $Sp^2$  &  $Sp^3$ ) and Geometry of molecule – cleavage of bonds - homolytic and heterolytic fission of carbon – carbon bonds – Reaction intermediates - free radicals, carbocations and carbonions - their stability.

t) **Stereo Chemistry:-** Optical isomerism and Geometrical isomerism - chirality – optical isomerism of lactic and tartaric acid - Racemisation - Resolution - Asymmetric synthesis - walden inversion - cis and trans isomerism of maleic and fumaric acids - R-S-Notations - conformational analysis of cyclohexane - applications of ORD and CD Techniques.

## UNIT X

u) **Dyes:-** Classification and Properties of dyes – methyl orange, congo red, malachite green, fluorescein and indigo.

v) **Carbon hydrates:-** Classification and reactions - Glucose, Fructose, Sucrose and lactose-structure of glucose and fructose.

w) **Aromatic Substitution:-** Mechanism of nitration, Halogenation, sulphuration and Friedel Crafts reaction - Orientation effects - nucleophilic substitution - Benzene mechanism.

**PAPER- II****GENERAL STUDIES (DEGREE STANDARD)****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 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- 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-Communicable diseases and non- communicable diseases-prevention and remedies- 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** 1.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 & Government.,- 7. Welfare oriented Government 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 including Surface 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 forums.

#### **UNIT-VI: 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.

#### **UNIT-VII: 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.

**Unit-VIII: APTITUDE & MENTAL ABILITY TESTS (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 - Behavioural 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.

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**Annexure IV****Tentative Timeline for the Recruitment Process for the posts of Inspector of Salt and Store Keeper**

<b>Sl. No.</b>	<b>Process</b>	<b>Timeline</b>
<b>1.</b>	<b>Publication of Written Examination results</b>	<b>April 2019</b>
<b>2.</b>	<b>Certificate Verification</b>	<b>May 2019</b>
<b>3.</b>	<b>Oral Test</b>	<b>May 2019</b>
<b>4.</b>	<b>Final Result</b>	<b>May 2019</b>

**Secretary**