



राष्ट्रीय प्रौद्योगिकी संस्थान जमशेदपुर
National Institute of Technology Jamshedpur
 (शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का संस्थान)

(An Institute of National Importance under Ministry of Education, Government of India)

Advt. No. NITJSR/ESS/CD/2025/1287

Dated : 17/06/2025

INFORMATION BROCHURE FOR RECRUITMENT OF NON-TEACHING POSITIONS

Online Application is invited for the Post of Principal Scientific Officer, Assistant Librarian, Student Activity & Sports (SAS) Officer, Assistant Registrar, Technical Assistant, Junior Engineer, Library and Information Assistant, Superintendent, Pharmacist, Senior Assistant, Senior Technician, Junior Assistant & Technician as per Recruitment Rule notified by MHRD Vide F.35-5/2018/TS.III Dated 04/04/2019.

ABOUT THE INSTITUTE

National Institute of Technology Jamshedpur is an Institution of National Importance setup by an Act of Parliament (Act 29/ of 2007), namely, the National Institutes of Technology Act, 2007, which received the assent of the President of India on the 5th of June, 2007. This institute was formerly known as the Regional Institute of Technology (RIT) Jamshedpur and was established on 15th August 1960 with the aim of nurturing young engineers for the economic growth of the nation. NIT Jamshedpur is situated in the western part of the city of Jamshedpur. The flowing river Kharkai and picturesque backdrop of low hills on one side, and large tract of forest on the other side, make the 341.30 acres of rolling campus an ideal place for higher learning and research. NIT Jamshedpur has well-qualified faculty and dedicated supporting staff.

1. The Prescribed Minimum Qualification and Experience for each Post are as per Recruitment Rules Notified by MHRD, GOI, New Delhi Vide No. F.35-5/2018/TS.III, Dated 04/04/2019).
2. Name and Number of Posts for Each Category

Sl. No.	Name of Post	# No. of Post	Category	Pay Matrix & Basic Pay	Application Fee UR/OBC/EWS
Group - A					
01	Principal Scientific Officer	01	01 (UR)	14 (1), ₹ 1,44,200/-	₹ 2,000/-
02	Student Activity & Sports (SAS) Officer	01	01 (UR)	10 (1), ₹ 56,100/-	₹ 2,000/-
03	Assistant Librarian	01	01 (UR)	10 (1), ₹ 56,100/-	₹ 2,000/-
04	Assistant Registrar	03	02 (UR) 01 (OBC)	10 (1), ₹ 56,100/-	₹ 2,000/-
Group - B					
Technical Assistant 05					
05	Technical Assistant (Computer Science & Engineering)		01 (UR), 01 (EWS)	06 (1), ₹ 35,400/-	₹ 1,000/-
06	Technical Assistant (Electrical Engineering)		01 (UR)		
07	Technical Assistant (Civil Engineering)		01 (UR)		
08	Technical Assistant (Mechanical Engineering)		01 (EWS)		
09	Junior Engineer (Civil)	01	01 (UR)	06 (1), ₹ 35,400/-	₹ 1,000/-
10	Library and Information Assistant	01	01(UR)	06 (1), ₹ 35,400/-	₹ 1,000/-

Sl. No.	Name of Post	# No. of Post	Category	Pay Matrix & Basic Pay	Application Fee UR/OBC/EWS
11	Superintendent	03*	02(UR), 01(SC)	06 (1), ₹ 35,400/-	₹ 1,000/-
Group - C					
12	Pharmacist	01	01(UR)	05(1), ₹ 29,200/-	₹ 500/-
13	Senior Assistant	02	02 (UR)	04 (1), ₹ 25,500/-	₹ 500/-
14	Junior Assistant	05 *,**	03(UR), 01(SC), 01(ST)	03 (1), ₹ 21,700/-	₹ 500/-
Technician		07			
15	Technician (Computer Science & Engineering) -		02 (UR)	03 (1), ₹ 21,700/-	₹ 500/-
16	Technician (Electronics & Communication Engineering)		01 (UR)		
17	Technician (Civil Engineering)		01 (UR), 01 (ST)		
18	Technician (Production & Industrial Engineering)		01 (UR)		
19	Technician (Mechanical Engineering)		01 (UR)		
Senior Technician		02			
20	Senior Technician (Electrical Engineering)		01 (EWS)	04 (1), ₹ 25,500/-	₹ 500/-
21	Senior Technician (Electronics & Communication Engineering)		01 (ST)		

Note: -

The number of posts may increase or decrease at the time of the selection process.

Indian citizens fulfilling eligibility criteria can apply for the above posts

* 01 post reserved for PwBD

** 01 post reserved for Ex-SM

3. EDUCATIONAL QUALIFICATION AND EXPERIENCE FOR ABOVE ADVERTISED POST(S)

Group A		
01	Principal Scientific Officer- 01 Nos. (01-UR) Pay Level – 14 (144200-218200)	Direct
	Age Limit for direct recruits	Not exceeding 56 years
	Educational and other Qualifications required for Direct Recruits	<p><u>Essential:</u></p> <p><u>Educational Qualification</u> B.E./B.Tech. or M.Sc./MCA Degree in relevant field with first class or equivalent grade (6.5 in 10-point scale or 60% marks) and consistently excellent academic record.</p> <p><u>Experience</u> At least 15 years experience as Scientific Officer / Technical Officer or an equivalent post or above, out of which at least 8 years experience as Sr. Scientific Officer / Sr. Technical Officer in PB-3 with GP of Rs. 7600/- or an equivalent post in Central/ State Government Department/ Autonomous Bodies/ University/ Institution of national importance / PSU etc.</p>

02	Student Activity & Sports (SAS) Officer-01 Nos. (01-UR) Pay Level – 10 (56100-177500)	Direct
	Age Limit for direct recruits	Not exceeding 35 years Note:- Relaxable for Departmental Candidates up to five years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<p>Essential:</p> <p>Educational Qualification & Experience:</p> <p>Master's Degree in Physical Education or Master's Degree in Sports Science or equivalent degree with at least 60% marks or its equivalent Grade in the CGPA/UGC point scale with good academic record from a recognized University / Institute. Record of having represented the University / College at the inter-University/Inter-Collegiate competitions or the State and /Or national championships; Qualifying in the national-level test conducted for the purpose by the UGC or any other agency approved by the UGC and passed the physical fitness test conducted in accordance with these regulations.</p> <p>Desirable:</p> <ul style="list-style-type: none"> i) Experience in guiding group of students in creative activities. ii) Candidate with higher degree (Ph.D or equivalent in a relevant Discipline shall be preferred. iii) Record of organizing such events as student's convener or in later part of life. iv) Record of strong involvement and proven track record of participation in sports and drama / music / films / painting / Photography / journalism event management or other student / event management activities during college / University studies.
03	Assistant Librarian-01 Nos. (01-UR) Pay Level – 10 (56100-177500)	Direct
	Age Limit for direct recruits	Not exceeding 35 years Note:- Relaxable for Departmental Candidates up to five years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<p>Essential:</p> <p>Educational Qualification & Experience:</p> <ul style="list-style-type: none"> i) Master's Degree in Library Science / Information Science / Documentation Science with at least 60% marks or an equivalent Professional degree or its equivalent with equivalent grade (6.5 in 10-point scale) or its equivalent grade of 'B' in the UGC seven point scale and a consistently good academic record with superior knowledge of computerized library service. ii) Qualifying in the national level test such as NET/SLET/SET conducted for the purposed by the UGC or any other agency approved by the UGC. <p>Desirable:</p> <ul style="list-style-type: none"> i) PG Diploma in library Automation and Networking or PGDCA or equivalent. Candidate with higher degree (Ph.D or equivalent) in a relevant Discipline shall be preferred.

04	Assistant Registrar-03 Nos. (02-UR & 01 - OBC) Pay Level – 10 (56100-177500)	Direct
	Age Limit for direct recruits	Not exceeding 35 years Note:-Relaxable for Departmental Candidates up to five years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<p>Essential: Educational Qualification & Experience: Master's degree in any discipline with at least 55% marks or its equivalent Grade in the CGPA / UGC point scale with good academic record from a recognized University / Institute.</p> <p style="text-align: center;">Or</p> <p>Employees serving as Superintendent (SG-I)/ Private Secretary (NFG) in PB-2, GP of Rs. 5400/- with at least two years regular service or Superintendent (SG-II) / Private Secretary (NFG) in PB-2 GP of Rs.4800/- with at least five years regular service with Master's degree.</p> <p>Desirable: i) Qualification in area of Management/ Engineering / Law. ii) Experience of working in E-Office system. iii) A Chartered or Cost Accountant for the post of Assistant Registrar (Finance & Accounts).</p>
Group B		
Technical Assistant-05 Nos. Pay Level-6 (35400-112400)		Direct
05	Technical Assistant (Computer Science & Engineering) (01 -UR), (01 -EWS)	
06	Technical Assistant (Electrical Engineering) (01 - UR)	
07	Technical Assistant (Civil Engineering) (01 - UR)	
08	Technical Assistant (Mechanical Engineering) (01 - EWS)	
	Age Limit for direct recruits	30 years. Note:- Relaxable for Departmental Candidates up to five years in accordance with the instructions or orders issued by the Central Government.
	Educational and Other Qualifications required for Direct Recruits	<p>Essential: First Class or equivalent Grade in B.E/B.Tech/MCA in relevant subject from a recognized University/Institute.</p> <p style="text-align: center;">Or</p> <p>First Class Diploma in Engineering in relevant field with excellent academic record.</p> <p style="text-align: center;">Or</p> <p>First Class Bachelor's Degree in Science From a recognized University or Institute.</p> <p style="text-align: center;">Or</p> <p>Master's Degree in Science from a recognized University or Institute with at least 50% marks or equivalent.</p>

	Relevant Discipline/Field	CSE: Computer Science & Engineering EE: Electrical Engineering CE : Civil Engineering ME : Mechanical Engineering
09	Junior Engineer (Civil) - 01Nos. (01-UR) Pay Level-6 (35400-112400)	Direct
	Age Limit for direct recruits	30 years.
	Educational and other Qualifications required for Direct Recruits	Essential: First Class B.E. / B. Tech. in Civil Engineering from a recognized University or Institute. Or First Class Diploma in Civil Engineering with excellent academic record.
10	Library and Information Assistant - 01 Nos. (01-UR) Pay Level-6 (35400-112400)	Direct
	Age Limit for direct recruits	30 years.
	Educational and other Qualifications required for Direct Recruits	<u>Essential:</u> First Class Bachelors Degree in Science/Arts/Commerce from recognized University/Institute and Bachelor's Degree in Library and Information Science. <u>Desirable:</u> Post Graduate Diploma in Library Automation and Networking, PGDCA or equivalent from a recognized Institution.
11	Superintendent-03* Nos. (02-UR, 01-SC) Pay Level-6 (35400-112400) *01 post reserved for PwBD	Direct
	Age Limit for direct recruits	30 years. Note: Relaxable for Departmental Candidates up to five years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<u>Essential</u> i) First Class Bachelor's Degree or its equivalent from a recognized University or Institute in any discipline. Or Master's Degree in any discipline from a recognized University or Institute with at least 50% marks or equivalent grade. ii) Knowledge of Computer applications viz., Word Processing, Spread Sheet.
Group C		
12	Pharmacist-01 Nos. (01-UR) Pay Level-5 (29200-92300)	Direct
	Age Limit for direct recruits	27 years.

	Educational and other Qualifications required for Direct Recruits	Essential: (i) 10+2 in Science (PCB/PCM) subjects from recognized Board or University. (ii) 2 Years Diploma with First class from an Institute recognized by the Pharmacy Council of India with minimum two years experience in any recognized hospital or pharmacy. Or Bachelor's degree in Pharmacy (B.Pharm.) (iii) Registered as Pharmacist under the Pharmacy Act 1948.
14	Senior Assistant -02 Nos. (02-UR) Pay Level 4 (25500-81100)	Direct
	Age Limit for direct recruits	Not exceeding 33 years Note:- Relaxable for Departmental Candidates up to 5 years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	Essential Senior Secondary (10+2) from a recognized board with a minimum Typing speed of 35 w.p.m. and proficiency in Computer Word Processing and Spread Sheet. Desirable: Proficiency in other computer skills, stenography skills, Bachelor's Degree.
15	Junior Assistant: 05*, ** Nos. (03-UR, 01-SC & 01 ST) * 01 post reserved for PwBD ** 01 post reserved for Ex-SM Pay Level - 3 (21700-69100)	Direct
	Age Limit for direct recruits	27 Years Note: Relaxable for Departmental Candidates up to 5 years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	Educational Qualification: Essential: Senior Secondary (10+2) from a recognized board with a minimum Typing speed of 35 w.p.m. and proficiency in Computer Word Processing and Spread Sheet. Desirable: Proficiency in other computer skills, stenography skills.
Technician: 07 Nos. Pay Level-3 (21700-69100)		Direct
16	Technician (Computer Science And Engineering) - (02-UR),	
17	Technician (Electronics and Communication Engineering) - (01-UR),	
18	Technician (Civil Engineering) (01-UR, 01-ST),	
19	Technician (Production & Industrial Engineering) - (01-UR)	
20	Technician (Mechanical Engineering) - 01 (UR)	

	Age Limit for direct recruits	27 Years Note: Relaxable for Departmental Candidates up to 5 years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<u>Essential</u> Senior Secondary (10+2) with science from a Government recognized Board with at least 60% marks Or Senior Secondary (10+2) from a Government recognized board with at least 50% marks and ITI course of one year or higher duration in appropriate trade. Or Secondary (10) with at least 60% marks and ITI certificate of 2 years duration in appropriate trade. Or Diploma in Engineering of three year's duration in relevant field from a Government recognized polytechnic/Institute.
	Relevant Discipline/Field	CSE: Computer Science & Engineering ECE: Electronics & Communication Engineering CE : Civil Engineering PIE : Production & Industrial Engineering ME : Mechanical Engineering
	Senior Technician: 02 Nos. Pay Level 4 (25500-81100)	Direct
21	Senior Technician (Electrical Engineering) (01-EWS)	
22	Senior Technician (Electronics and Communication Engineering) (01-ST)	
	Age Limit for direct recruits	Not exceeding 33 years Note:- Relaxable for Departmental Candidates up to 5 years in accordance with the instructions or orders issued by the Central Government.
	Educational and other Qualifications required for Direct Recruits	<u>Essential:</u> Senior Secondary (10+2) with Science from a recognized Board with at least 60% marks. Or Senior Secondary (10+2) from a recognized board with at least 50% marks and ITI course of one year or higher duration in appropriate trade. Or Secondary (10) with at least 60% marks and ITI certificate of 2 years duration in appropriate trade. Or Diploma in Engineering of three year's duration in relevant field from a recognized polytechnic/Institute <u>Desirable:</u> Bachelor's Degree
	Relevant Discipline/Field	EE : Electrical Engineering ECE: Electronics & Communication Engineering

4. Facilities Extended to the Employees of NIT Jamshedpur

Facilities are extended to employees of NIT Jamshedpur as per NIT Act and Statutes as well as decisions of the BoG of the Institute / relevant order from MoE, New Delhi.

5. Application is required to be submitted online latest by **11.07.2025** using the link non-teaching recruitment 2025 available at website www.nitjsr.ac.in.

6. Application Fee:

- 6.1 Non-Refundable application fee of ₹2000 (Rupees Two Thousand only) for UR/OBC/EWS for Group – A applicants.
- 6.2 Non-Refundable application fee of ₹1000 (Rupees One Thousand only) for UR/OBC/EWS for Group – B applicants.
- 6.3 Non-Refundable application fee of ₹500 (Rupees Five hundred only) for UR/OBC/EWS for Group – C applicants.
- 6.4 Women candidates and candidates belonging to Scheduled Castes (SC), Scheduled Tribes (ST), Persons with Benchmark Disabilities (PwBD) and Ex-servicemen (Ex-SM) are exempted from payment of fee.

7. GENERAL INSTRUCTIONS AND INFORMATION

- 7.1 Applicants should possess the prescribed qualification and experience for the respective post as on 11.07.2025. Shortlisted candidates would be required to produce specific certificates in Original as per eligibility conditions of NIT Jamshedpur.
- 7.2 The minimum qualification with regard to academic qualification and experience for all positions advertised herewith shall be as noted against each post.
- 7.3 Candidates who wish to apply for more than one post, should apply separately for each post in the prescribed manner, and separate application with fee must be deposited for each post. However, the candidates will do so at their own risk as the schedule of Examination (CBT) for any two post codes may coincide.
- 7.4 The Institute has the right to set higher norms than minimum while short-listing, taking into account the specific requirements of the institute and shall be binding on all the applicants. The decision of the Institute related to all matters pertaining to the recruitment shall be final and binding on the applicants.
- 7.5 Age relaxation will be given to SC/ST/OBC/PwBD/Ex-servicemen as per Govt. of India norms.
- 7.6 The lower age limit for all posts shall be 18 years. The upper age limit mentioned in the advertisement is with reference to the unreserved vacancies.
- 7.7 SC/ST/OBC candidates who opt to apply for unreserved vacancies will not be eligible for age relaxation or relaxation in cut-off marks otherwise allowed to those belonging to these categories. Further, reserve category candidates (SC/ST/OBC) who become eligible by age relaxation applicable in their case will be considered only for reserved seats of the category to which they belong even if they have the merit to be considered otherwise for UR.
- 7.8 No TA/DA will be paid for attending test/Interview/ Document Verification/Skill Test/Trade Test.
- 7.9 Persons serving in State/Central Govt. / Semi Govt. / PSUs / Universities / Govt. Educational Institutions must bring “NO OBJECTION CERTIFICATE” from the Competent Authority of the organization serving at the time of Document Verification/ Interview. Otherwise, they will not be

allowed for Document Verification/ Interview.

- 7.10 Any vigilance/criminal/disciplinary cases should not be pending against the candidates working in any Government organization/Autonomous body/Semi Govt./PSUs/ Universities/Govt. Educational Institutions.
- 7.11 The original degrees/certificates/proof of date of birth and other testimonials towards the fulfilment of specified eligibility conditions shall be required to be produced by the candidate at the time of their Interview/ Document Verification.
- 7.12 The applicants are advised/required to visit the Institute website, www.nitjsr.ac.in regularly. The list of candidates short-listed for participation in the selection process, such as Document Verification/Skill Test/Trade Test/interview, etc., will be displayed on the Institute website only. No separate communication/intimation in this regard shall be made by the Institute.
- 7.13 Application form (containing fee payment details) & e-receipt should be printed by the candidate and kept for reference with him/her.
- 7.14 Candidates should ensure that their Name, Father's Name, Date of Birth should exactly match as recorded in the Matriculation or equivalent certificate. In case any candidate has formally changed the name, then gazette notification or any other legal document, as applicable should be submitted at the time of Document Verification.
- 7.15 Candidates are advised to indicate their active mobile number and valid e-mail ID in the ONLINE application and keep them active during the entire recruitment process, as important messages will be sent by email and on mobile, which will be deemed to have been read by the candidates. Candidates are required to carefully fill/provide all the detailed information regarding personal details/Bio-Data, fees, etc., through ONLINE application. The candidate is responsible to prove that all the information provided/submitted by him/her in the application is true.
- 7.16 Candidates to ensure that they fulfill all the eligibility criteria (like age, qualification, experience, category certificate, etc.) as stipulated in the advertisement. If a candidate fails to meet any of the eligibility criteria as stated in the advertisement for the post, the candidature will be cancelled. The decision of the Competent Authority in this regard would be final.
- 7.17 All recruitment and pay-fixation shall be done by the Board of Governors (BOG) of the Institute only on the recommendations of duly constituted Selection Committees. The Decision of the Appointing Authority shall be final. There shall be no scope of fixing of altering pay (Pay Matrix & Basic Pay) outside the Selection Committee.
- 7.18 Higher starting Pay Matrix & Basic Pay may be offered to deserving candidates on recommendation of the Selection Committee upon approval of the Board of Governors as applicable.
- 7.19 No interim queries regarding Selection Process will be entertained at any stage.
- 7.20 In order to avoid last minute rush, the applicants are advised to apply early.
- 7.21 In case of any inadvertent error in the selection process, which may be detected, at any stage, even after the issuance of the Offer Letter, the Institute reserves the right to modify/withdraw/cancel whole or any part of selection process.
- 7.22 In case of any dispute/ambiguity that may occur in the selection process, the decision of the Institute shall be final.
- 7.23 Candidates must be in sound health. They must, if selected, be prepared to undergo such medical examination and satisfy such medical authority as the Institute may require.

- 7.24 The appointment of candidates on regular basis shall be governed by National Pension System (NPS).
- 7.25 Application forms, downloaded and submitted offline, would not be accepted. The applicant will be solely responsible for the authenticity of the submitted information.
- 7.26 Institute reserves the right to extend the closing date for receipt of applications. The institute also reserves the right to postpone/cancel this recruitment process at any time.
- 7.27 Request for conduct of personal interview through video conferencing / Whatsapp or any electronic mode will not be considered.
- 7.28 Legal disputes, if any, with NIT Jamshedpur will be restricted within the jurisdiction of the Hon'ble High Court of Jharkhand, Ranchi only.
- 7.29 Canvassing in any form OR on behalf of a candidate will be disqualified.
- 7.30 Application of non-shortlisted candidates will be kept as per record retention schedule.
- 7.31 If it is found at any stage of the recruitment process or even after appointment that a successful Candidate has furnished incorrect information/Document(s) as mentioned/claimed in his/her online application form in support of eligibility criteria his/her candidature /appointment (as the case may be) shall be forfeited and he /she shall be liable for penal actions as per law.
- 7.32 Interview/Skill Test/Trade Test (wherever applicable) shall be conducted by NIT Jamshedpur, and its details will be uploaded on Institute website.
- 7.33 Candidates who are not exempted from Fee payment must ensure that their Fee has been deposited with NIT Jamshedpur. If the Fee is not received by NIT Jamshedpur, status of the Application Form is shown as 'Incomplete/Pending' and this information will be displayed on top of the online Application Form. Further, status of Fee payment can be verified at the 'Payment Status' link provided in the candidate's login screen. Such Applications which remain incomplete due to non-receipt of Fee for any reason whatsoever will be SUMMARILY REJECTED and no request for consideration of such Applications and Fee payment after the period specified in the Advertisement shall be entertained.

8. DOCUMENTS / CERTIFICATES:

Documents/Certificates are required to be uploaded in online application form

- 8.1 Photo and Signature of the candidate.
- 8.2 Matriculation / 10th Standard or equivalent certificate indicating date of birth, or mark sheet of Matriculation / 10th Standard or equivalent issued by Central / State Board indicating date of Birth will be considered in support of their claim of age. Where date of birth is not available in certificate/mark sheets issued by concerned Educational Boards, School leaving certificate indicating date of birth will be considered.
- 8.3 Degree/Diploma certificate along with mark sheets pertaining to all the academic years as proof of educational qualification claimed. In the absence of a particular Degree certificate, mark sheets of the Degree program will be accepted.
- 8.4 Experience Certificate(s) from the Head(s) of Organization(s) / Department(s) for the entire experience claimed, clearly mentioning the duration of employment (date, month & year) indicating the basic pay and consolidated pay. The certificate(s) should also mention the nature of duties performed/experience obtained in the post(s) with duration(s).
- 8.5 Certificate by candidate seeking reservation as SC/ST/OBC/EWS shall be in the prescribed proforma

only from the competent authority indicating clearly the candidate's claim for reservation under a specific category, the Act/Order, under which the Category is recognized as SC/ST/OBC/PwBD/EWS and the village/town the candidate is ordinarily a resident of.

- 8.6 The certificate for claiming reservation in OBC/EWS category must be issued on or after 01.04.2024 in the prescribed format, as applicable.
- 8.7 Physically Handicapped certificate in prescribed proforma only issued by the competent authority to the Persons with Benchmark Disabilities (PwBD) for being eligible for appointment to the post on the basis of prescribed standards of Medical Standard (i.e. must be more than 40% disability).
- 8.8 The period of experience rendered by a candidate on a part-time basis and daily wages will not be counted while calculating the valid experience for short-listing the candidates for interview.
9. **Examination Cities : Delhi/NCR, Mumbai, Chennai, Kolkata, Patna, Jamshedpur, Ranchi. These cities are indicative and depending upon the feasibility/availability of centres, they may be changed.**
10. **RELAXATION IN THE UPPER AGE LIMIT:-**

- (i) The candidate(s) must have attained the minimum age of 18 years as on 11.07.2025. The permissible relaxation in upper age limit for claiming age relaxation is as follows:

SL No.	Category of Persons	Age-relaxation permissible beyond upper age limit
1.	SC/ST	5 Years
2.	OBC (NCL) Centre List	3 Years
3.	PwBD (Unreserved)	10 Years
4.	PwBD [OBC (NCL) Centre List]	13 Years
5.	PwBD (SC/ST)	15 Years
6.	Ex-Servicemen (ESM)	For Group B and C posts: an ex-servicemen shall be allowed to deduct the period of actual military service from his actual age and if the resultant age does not exceed the maximum age limit prescribed for the post for which he is seeking appointment by more than three years, he shall be deemed to satisfy the condition regarding age limit. (Age relaxation is not admissible to sons, daughters and dependents of Ex-Servicemen. Therefore, such candidate should not indicate their category as Ex-Servicemen.)

Note: Maximum age shall be reckoned as on - 11.07.2025.

- (ii) Candidate(s) should note that the Date of Birth as recorded in the Class 10th/Matriculation/Secondary Examination Certificate, or marks sheet of Matriculation Standard or equivalent issued by Central/State Board will be valid.

11. **Scheme of Examination: (Please refer to the detailed Syllabus as per Annexure – II)**

SL No.	Post	Scheme of Exam	Selection Process
01	Principal Scientific Officer	Interview (Maximum Marks – 100)	Marks of Interview

SL No.	Post	Scheme of Exam	Selection Process
02	Student Activity & Sports (SAS) Officer	Stage - I (CBT - 100 MCQ in domain knowledge of relevant discipline) (Maximum Marks - 100) (Max. time - 120 min) Stage - II (Physical Test & Interview) The candidates will be called for Stage II examination i.e. Physical Test & Interview will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.	The final merit will be prepared on the basis of 70% of the marks in Stage I and 50% of 30% marks obtained in physical test and 50% of 30% marks obtained in Interview.
03	Assistant Librarian	Stage - I (CBT- 100 MCQ in domain knowledge of relevant discipline) (Maximum Marks - 100) (Max. time - 120 min) Stage - II (Interview)	The final merit will be prepared on the basis of 70% of the marks in Stage I and 30% of marks obtained in Stage II.
04	Assistant Registrar	The candidates will be called for Stage II examination i.e. Interview will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.	
05	Technical Assistant (Computer Science and Engineering)	Stage - I (CBT - 100 MCQ) (Maximum marks - 100) (Max. time - 120 min) <ul style="list-style-type: none"> Part- A (50 marks) General Awareness - 10 marks Reasoning - 10 marks Mathematics - 10 marks General English / Hindi Language - 10 marks Computer Awareness - 10 marks Part- B (50 marks) Specialization in the relevant discipline. (as per syllabus) Stage - II (Trade Test) (Qualifying in nature) The candidates will be called for Stage II examination i.e. Trade Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.	The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.
06	Technical Assistant (Electrical Engineering)		
07	Technical Assistant (Civil Engineering)		
08	Technical Assistant (Mechanical Engineering)		
09	Junior Engineer (Civil)		
10	Library & Information Assistant		
11	Superintendent	Stage - I (CBT - 100 MCQ) (Maximum marks - 100) (Max. time - 120 min) <ul style="list-style-type: none"> Part- A (50 marks) General Awareness - 10 marks Reasoning - 10 marks Mathematics - 10 marks Test of English / Hindi Language - 10 marks Computer Awareness - 10 marks Part- B (50 marks) General Administration 	The candidates will be called for Stage II examination i.e. Skill Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10. The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.

		Stage - II (Skill Test) (Qualifying in nature)	
12	Pharmacist	<p>Stage - I (CBT - 100 MCQ) (Maximum marks - 100) (Max. time - 120 min)</p> <ul style="list-style-type: none"> • Part- A (50 marks) General Awareness - 10 marks Reasoning - 10 marks Mathematics - 10 marks General English / Hindi Language - 10 marks Computer Awareness - 10 marks • Part- B (50 marks) Specialization in the relevant discipline. (as per syllabus) <p>Stage - II (Trade Test) (Qualifying in nature)</p> <p>The candidates will be called for Stage II examination i.e. Trade Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.</p>	The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.
14	Senior Assistant	<p>Stage - I (CBT - 100 MCQ) (Maximum marks - 100) (Max. time - 120 min)</p> <ul style="list-style-type: none"> • Part- A (50 marks) General Awareness - 10 marks Reasoning - 10 marks Mathematics - 10 marks Test of English / Hindi Language - 10 marks Computer Awareness - 10 marks • Part- B (50 marks) General Administration <p>Stage - II (Skill Test) (Qualifying in nature)</p>	<p>The candidates will be called for Stage II examination i.e. Skill Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.</p> <p>The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.</p>
15	Junior Assistant	<p>Stage - I (CBT - 100 MCQ) (Maximum marks - 100) (Max. time - 120 min)</p> <p>General Awareness - 20 marks Reasoning - 20 marks Mathematics - 20 marks Test of English / Hindi Language - 20 marks Computer Awareness - 20 marks</p> <p>Stage - II (Skill Test) (Qualifying in nature)</p>	<p>The candidates will be called for Stage II examination i.e. Skill Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.</p> <p>The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.</p>

SL No.	Post	Scheme of Exam	Selection Process
16	Technician	<p>Stage – I (CBT - 100 MCQ) (Maximum marks – 100) (Max. time - 120 min)</p> <ul style="list-style-type: none"> • Part- A (50 marks) General Awareness – 10 marks Reasoning – 10 marks Mathematics – 10 marks General English / Hindi Language – 10 marks Computer Awareness – 10 marks • Part- B (50 marks) Specialization in the relevant discipline. (as per syllabus) <p>Stage – II (Trade Test) (<i>Qualifying in nature</i>)</p> <p>The candidates will be called for Stage II examination i.e. Trade Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.</p>	The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.
17	Senior Technician	<p>Stage – I (CBT - 100 MCQ) (Maximum marks – 100) (Max. time - 120 min)</p> <ul style="list-style-type: none"> • Part- A (50 marks) General Awareness – 10 marks Reasoning – 10 marks Mathematics – 10 marks General English / Hindi Language – 10 marks Computer Awareness – 10 marks • Part- B (50 marks) Specialization in the relevant discipline. (as per syllabus) <p>Stage – II (Trade Test) (<i>Qualifying in nature</i>)</p> <p>The candidates will be called for Stage II examination i.e. Trade Test will be based on the marks secured by the candidate in Stage I in the ratio of 1:10.</p>	The final merit will be prepared on the basis of the marks obtained in Stage I from among the candidates qualified in Stage II.

- 12.** Negative marking: In Stage-I, One (01) mark shall be awarded to every correct answer and one-fourth (1/4th) marks shall be deducted for every incorrect answer. Unanswered questions will not be given any marks.
- 13.** **Normalization of Marks:** Normalization Process, in case CBT is held in more than one shift for the same Post, will be followed.
- 14.** Minimum Qualifying marks for different categories will be as under :
No candidate will be considered for the selection process if they secure less than 40% of the maximum marks under UR/OBC/EWS category & 35% of the maximum marks if she/he is a SC/ST in CBT examination in any case.

Note :

- i. Obtaining minimum qualifying marks in the CBT will not confer any right for being shortlisted for next stage of Recruitment process as the same will depend upon merit position, number of candidates required to be shortlisted for next Stage of Recruitment process etc.
- ii. Same minimum qualifying marks are also applicable for Ex-Servicemen & PwBD candidates as per their community.
- iii. However, relaxation of 2% marks will be given to PwBD candidates in case of shortage of candidates subject to fulfilling other conditions.
- iv. The Institute reserves the to increase/decrease the shortlisting Criteria/Cut off marks for CBT/Skill Test, as the case maybe.

15. Tie of marks: In the event of tie in scores of candidates, merit will be decided by applying following criteria, one after another in the given order, till the tie is resolved:

- (a) The older candidate as per Date of Birth, will be placed higher i.e. the candidate in age seniority will be placed higher.
- (b) In case of tie as per item (a) also, then the candidate with a higher percentage of marks in the Essential Qualification will be placed higher.

16. For PwBD (Persons with Benchmark Disability) Candidates:

- a) Disability should not be less than 40% for availing the benefits of reservation/relaxation for PwBD. A person, who intends to avail the benefit of reservation/relaxation must submit a Disability Certificate issued by a Competent Authority as per the form V, VI and VII of rule 18(1) under Chapter 7 of Rights of Persons with Disabilities Rules, 2017 dated 15.06.2017. Please refer Annexure –I (A), I(B) & I(C) for the formats. The existing Certificates of Disability issued under the Persons with Disabilities Act 1995 (since repealed) shall continue to be valid for the period specified therein.
- b) **Assistance of Scribe for PwBD Candidates:**

For engaging the Scribe, candidates will have to indicate the same while filling Online Application Form. Engagement of Scribe will be subject to the following conditions:

- i) Candidates will have to arrange for the Scribe on their own.
- ii) The Scribe so arranged should not himself/herself be the candidate for the Advertisement for which he/she is appearing as Scribe. Also, same Scribe should not be engaged for more than one candidate for the same Advertisement. The Scribe and the candidate shall give a declaration to this effect. Any violation, if detected at any stage, will render both candidate and Scribe disqualified.
- iii) Candidates opting for Scribe will have to provide additional details for Scribes during submission of Online Application Form. Scribe should produce original and valid ID proof at CBT Center and bring one coloured passport size photograph.
- iv) The candidate shall be responsible for any misconduct on the part of the Scribe brought by him/her during the CBT.
- v) Candidates availing the assistance of a Scribe shall be eligible for compensatory time of 20 minutes for every hour of Examination (CBT).
- vi) Candidates who wish to avail services of Scribe but are unable to furnish the details of Scribe at the time of filling up of Online Application, may avail the services of Scribe by filling up necessary details in Format given at Annexure- I (D) at the CBT Center duly complying the conditions stipulated for Scribe. The change of Scribe may also be allowed in emergency duly recording reasons and filling the relevant details including pasting of photograph of the new Scribe as per **Annexure - I (D)**.

The posts identified suitable for PwBD categories are as follows:-

Sl. No.	Name of Post	# No. of Post	Functional Requirements	Suitable category of Benchmark Disabilities
Group - A				
01	Principal Scientific Officer	01	S, ST, W, BN, MF, RW, SE	a) D, HH b) OL, BL, CP, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
02	Student Activity & Sports (SAS) Officer	01	Not any suitable identified category	
03	Assistant Librarian	01	S, ST, KC, RW, SE, H, C, MF	a) LV b) D, HH c) OA, BA, OL, BL, BLA, BLOA, CP, LC, Dw, AAV d) ASD (M), SLD, MI
04	Assistant Registrar	03	S, ST, W, SE, H, C, MF	a) B, LV b) D, HH c) OA, BA, OL, CP, LC, Dw, AAV d) SLD, MI e) MD involving (a) to (d) above
Group - B				
	Technical Assistant	05	S, ST, W, RW, SE, C, MF	a) B, LV b) D, HH c) OA, BA, OL, CP, LC, Dw, AAV d) ASD (M), MI e) MD Involving (a) to (d) above
05	Technical Assistant (Computer Science And Engineering) (01 -UR), 01 (EWS)			
06	Technical Assistant (Electrical Engineering) 01 (UR)			
07	Technical Assistant (Civil Engineering) 01 (UR)			
08	Technical Assistant (Mechanical Engineering) 01 (EWS)			
09	Junior Engineer (Civil)	01	S, ST, BN, KC, MF, RW, SE, H, C	a) D, HH b) OA, OL, LC, Dw, AAV c) SLD, MI d) MD involving (a) to (c) above
10	Library and Information Assistant	01	S, ST, W, BN, L, MF, SE, RW, C	a) LV b) D, HH c) OA, BA, OL, BL, OAL, CP, LC, Dw, AAV, MDy d) ASD (M), ID, SLD, MI e) MD involving (a) to (d) above
11	Superintendent	03*	S, ST, W, RW, SE, H, C, MF	a) B, LV b) D, HH c) OA, BA, OL, BL, OAL, BLOA, CP, LC, Dw, AAV, MDy d) SLD, MI e) MD Involving (a) to (d) above

Sl. No.	Name of Post	# No. of Post	Functional Requirements	Suitable category of Benchmark Disabilities
Group – C				
12	Pharmacist	01	S, ST, W, BN, L, KC, PP, MF, RW, SE, H	a) D, HH b) OL, BL, CP, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
14	Senior Assistant	02	S, ST, BN, RW, SE, H, MF	a) B, LV b) D, HH c) OA, BA, OL, BL, CP, LC, Dw, AAV d) ASD (M), SLD, MI e) MD involving (a) to (d) above
15	Junior Assistant	05*,**	S, ST, W, BN, RW, SE, H, C, MF	a) B, LV b) D, HH c) OA, BA, BL, OL, OAL, CP, LC, Dw, AAV, MDy d) ASD (M, MoD), ID, SLD, MI e) MD involving (a) to (d) above
16	Technician Technician (Computer Science And Engineering) 02 (UR)	07	S, ST, BN, RW, SE, H	a) D, HH b) OL, CP, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
17	Technician (Electronics & Communication Engineering) 01 (UR)			
18	Technician (Civil Engineering) 01 (UR), 01 (ST)			
19	Technician (Production & Industrial Engineering) 01 (UR)			
20	Technician (Mechanical Engineering) 01 (UR)			
21	Senior Technician Senior Technician (Electrical Engineering) 01 (EWS)	02	S, ST, BN, RW, SE, H	a) D, HH b) OL, CP, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
22	Senior Technician (Electronics & Communication Engineering) 01 (ST)			

FUNCTIONAL REQUIREMENT ABBREVIATIONS USED:

S=Sitting, ST=Standing, W=Walking, BN=Bending, L=Lifting, KC=Kneeling & Crouching, JU=Jumping, CRL= Crawling, CL=Climbing, PP=Pulling & Pushing, MF=Manipulation with Fingers, RW=Reading & Writing, SE=Seeing, H=Hearing, C=Communication,

CATEGORY ABBREVIATIONS USED:

B=Blind, LV=Low Vision, D=Deaf, HH= Hard of Hearing, OA=One Arm, OL=One Leg, BA=Both Arms, BL=Both Leg, OAL=One Arm and One Leg, BLOA=Both leg & One arm, BLA=Both Legs Arms, CP=Cerebral Palsy, LC=Leprosy Cured, Dw=Dwarfism, AAV=Acid Attack Victims, MDy= Muscular Dystrophy, ASD= Autism Spectrum Disorder (M= Mild, MoD= Moderate), ID= Intellectual Disability, SLD= Specific Learning Disability, MI= Mental Illness, MD=Multiple Disabilities (Including Deaf Blindness)

17. **How to Apply**

Candidates satisfying the eligibility conditions have to apply through online mode on **NIT Jamshedpur** website only i.e. <https://nitjsr.ac.in>. Candidates are advised to read the instructions carefully given below before applying online and also all the instructions given on main page of online Application. Candidates should take utmost care to furnish the correct details while filling online Application Form. In case of multiple registrations for the same Post, the candidature is liable for cancellation/rejection without any notice/intimation to the candidate. **Any mistake committed by the candidate shall be his/her sole responsibility.**

Application through any other mode will not be accepted. No documents are required to be sent to **NIT Jamshedpur** by post in connection with the Application.

Steps for Applying:

STEP-I (Registration):

- a) Candidates can apply online by visiting the **NIT Jamshedpur** website and going to the tab "Recruitment" available at [https:// nitjsr.ac.in](https://nitjsr.ac.in).
- b) Candidates will get the Non-Teaching Recruitment Home/Index page and have to click on "Register" available on this page for new Registration.
- c) Candidates will be redirected to Registration page and further needs to sign-up by filling up Post applied, Name, valid Mobile Number and valid E-mail ID.
- d) After this, candidates will have to Generate OTP and accept the Terms & Conditions by clicking 'I Agree' Checkbox.
- e) Candidates have to re-verify the details after entering the OTP & Captcha.
- f) Reserved Category candidates need to check from Advertisement whether the vacancy is available under their respective reserved Category. If vacancy is not available under original Category, then such candidates will be considered as 'Unreserved (UR)'.
- g) After submitting the above details, candidates will receive Login ID & Password on their registered Mobile Number and E-mail ID, hence candidates are advised to cross check the Mobile Number & E-mail ID before proceeding.

STEP-II: FILLING-UP OF APPLICATION & SUBMISSION OF FEE

- a) Candidates should now click on the "Go to Application" given in the top right corner of the screen or re-login with Login ID & Password received on registered E-mail ID/Mobile Number.
- b) The candidate should now fill-up all the desired/required information in the online Form correctly. Also, upload scanned images of Photo/Signature/Documents in the respective different links as per detailed guidelines for scanning and uploading given in the Section "How to Apply" of this Detailed Advertisement. The candidate can see Application under option PREVIEW before submission. The candidate should check the details filled-in and make necessary corrections, under option EDIT (if any). However, Name, Post applied, Email-Id and Mobile Number cannot be changed.
- c) Once the application is submitted (Step-II), NO Change /edit will be allowed thereafter.
- d) After submission of application, candidates will automatically be redirected to Payment gateway (**if applicable**) to deposit the Examination Fee + applicable charges (if any) through

different payment mode. Process Flow for deposit of Examination Fee through Payment Gateway of is as under:

- i. Do not refresh/go back on page while payment is in progress, doing so might interfere the ongoing transaction.
- ii. Post submission, the candidate will be re-directed to Payment gateway to make the online payment of Application Fee.
- iii. Kindly verify the Fee details and make the payment for Application fee via any of the different payment modes.
- iv. Post successful payment of Application Fee, candidate will be redirected to his/her Application Form.

In case of any issue related to submission of online Application and Fee payment candidate may contact via Helpdesk Tab provided in online Application Portal.

Application Form:

Now, Candidates are required to download the online Application Form generated by the System, which may be retained for future reference. This should NOT be sent to NIT Jamshedpur.

Instructions regarding scanning & Uploading of PHOTOGRAPH, SIGNATURE, LEFT THUMB IMPRESSION and CERTIFICATES

Scanned image of candidate's Photograph, Signature, Left Thumb Impression and Certificates shall be as per the specifications given below:

- a) There are separate links for uploading Photograph, Signature, Left Thumb impression and Certificates. Click on the respective link to Upload Photograph/Signature/ Left Thumb impression/Certificates.
- b) Browse and select the location where the scanned Photograph/Signature/Left Thumb Impression /Certificate files have been saved. Select the file by clicking on it.
- c) Click the 'Open/Upload' button. The Photograph/Signature/ Left Thumb Impression Certificate file will get uploaded. If the file size and format are not as prescribed, an error message will be displayed. In such a case, change the size and format of the file as required and re-upload.
- d) Candidates should upload the scanned (digital) image of their Photograph, Signature, Left Thumb Impression and other relevant Certificates as per the process given below.

i) Photograph:

- a) Photograph must be a recent passport size color photograph (not older than 03 weeks).
- b) Make sure that the picture is in color, taken against a light-colored, preferably white background. Look straight at the camera with a relaxed face.
- c) Dimensions of the image should be approximately 200X230 pixels. It will not be possible to accommodate larger images. Size of file should be between 50kb-80kb in jpg/jpeg format only.
- d) If the size of the file is too large, then adjust the settings of the scanner such as the DPI resolution, number of colors etc., during the process of scanning. Minimum resolution should be 200 dpi.

ii) Signature image:

- a) The applicant has to sign on white paper with Black ink pen.

- b) The signature must be of the applicant only and not of any other person. If at any stage the signature is not found to be matching with the candidate's actual signature, the applicant's candidature may be summarily rejected.
- c) Please scan the signature area only and not the entire page.
- d) Dimensions of the image should be approximately 140X60 pixels. Size of file should be between 50kb–80kb in jpg/jpeg format only.

iii) Left Thumb Impression:

- a) The applicant has to put his/her left thumb impression on white paper with Black/Blue ink.
- b) The Left Thumb Impression must be of the applicant only and not of any other person. If at any stage the left thumb impression is not found to be matching with the candidate's actual Left Thumb Impression, the applicant's candidature may be summarily rejected.
- c) Please scan the Left Thumb Impression area only and not the entire page.
- d) Size of file should be between 50kb–80kb in jpg/jpeg format only.

iv) Certificates:

- a) Please scan the relevant certificates i.e. Essential Qualification and SC/ST/OBC-NCL/EWS/Disability/ ExSM, as applicable, which is issued by Competent Authority. Kindly make sure same is properly visible in the scanned file.
- b) Size of file should be between 100kb–1000kb in jpg/jpeg/PDF format only.

FORM-VCertificate of Disability**(In cases of amputation or complete permanent paralysis of limbs or dwarfism and in cases of blindness)****[See Rule 18 (1)]****(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)**

Recent Passport
Size Attested
Photograph
(Showing face
only) of the
person with
disability

Certificate No..... Date.....

This is to certify that I have carefully examined

Shri/Smt./Kum.....son/wife/daughter of Shri Date of Birth
..... (DD/MM/YYYY) Age..... Years, Male/Female..... Registration No.....
Permanent Resident of House No.....Ward/Village/Street..... Post Office.....
District.....State....., whose photograph is affixed above, and am satisfied
that:

(A) He/She is a case of:

*Locomotor Disability

*Dwarfism

*Blindness

(Please tick as applicable)

(B) The diagnosis in his/her case is.....

(1) He/She has % (in figure) Percent (in words) permanent locomotor
disability/dwarfism/blindness in relation to his/her (Part of body) as per
guidelines (to be specified).

(2) The applicant has submitted the following document as proof of residence:

Nature of Document	Date of Issue	Details of authority issuing certificate

Signature/Thumb
Impression of the
person in whose favour
disability certificate is
issued

(Signature and Seal of Authorized Signatory of notified Medical Authority)

FORM- VI

Certificate of Disability
(In case of multiple disabilities)
[See Rule 18 (1)]

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

Certificate No.....Date.....

1. This is to certify that we have carefully examined Shri/Smt./Kum
 son/wife/daughter of Shri..... Date
 of Birth..... (DD/MM/YYYY) Age..... Years, Male/Female.....
 Registration No.Permanent Resident of House No.....
 Ward/Village/Street whose photograph is affixed above and
 are satisfied that:

Recent
 Passport Size
 Attested
 photograph
 (Showing face
 only) of the
 person with
 disability

- (A) He/She is a case of **Multiple Disability**. Her/Her extent of permanent physical impairment/disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below and shown against the relevant disability in the table below:

S.No.	Disability	Affected Part of Body	Diagnosis	Permanent Physical Impairment/ Mental Disability (in %)
	Locomotors Disability	@		
	Muscular Dystrophy			
	Leprosy cured			
	Dwarfism			
	Cerebral Palsy			
	Acid attack Victim			
	Low Vision	#		
	Blindness	#		
	Deaf	£		
	Hard of Hearing	£		
	Speech and Language Disability			
	Intellectual Disability			
	Specific Learning Disability			
	Autism Spectrum Disorder			
	Mental illness			
	Chronic Neurological Conditions			
	Multiple Sclerosis			
	Parkinson's Disease			
	Hemophilia			
	Thalassemia			
	Sickle Cell disease			

- (B) In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures percent, In words..... percent

2. This condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is :

i) not necessary, Or

ii) is recommended/after Year..... Months, and therefore this certificate shall be valid till (DD/MM/YYYY)

@ e.g. Left/Right/Both arms/legs; # e.g. Single eye/both eyes; £ e.g. Left/Right/Both ears

4. The applicant has submitted the following documents as proof of residence:

Name of Document	Date of issue	Details of authority issuing certificate

5. Signature and seal of the Medical Authority

--	--	--

Name and seal of Member

Name and seal of Member

Name and seal of the Chairperson

Signature/Thumb impression of the person in whose favour disability certificate is issued

FORM- VII**Certificate of Disability**

(In cases other than those mentioned in Form V and VI)

[See Rule 18(1)]

(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE CERTIFICATE)

Recent
Passport Size
Attested
photograph
(Showing face
only) of the
person with
disability

Certificate No..... Date.....

1. This is to certify that we have carefully examined Shri/Smt./Kum son/wife/daughter of Shri Date of Birth..... (DD/MM/YYYY) Age..... years, Male/Female..... Registration No..... Permanent Resident of House No..... Ward/Village/Street..... whose photograph is affixed above and I am satisfied that He/She is a case of _____ **Disability**. His/her extent of permanent physical impairment/disability has been evaluated as per guidelines (to be specified) for the disabilities ticked below and shown against the relevant disability in the table below:

S.No.	Disability	Affected Part of Body	Diagnosis	Permanent Physical Impairment/ Mental Disability (in %)
	Locomotors Disability	@		
	Muscular Dystrophy			
	Leprosy cured			
	Cerebral Palsy			
	Acid attack Victim			
	Low Vision	#		
	Deaf	£		
	Hard of Hearing	£		
	Speech and Language Disability			
	Intellectual Disability			
	Specific Learning Disability			
	Autism Spectrum Disorder			
	Mental illness			
	Chronic Neurological Conditions			
	Multiple Sclerosis			
	Parkinson's Disease			
	Hemophilia			
	Thalassemia			
	Sickle Cell disease			

- (B) In the light of the above, his/her overall permanent physical impairment as per guidelines (to be specified), is as follows:

In figures percent, in words..... percent

2. This condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is :

- i) not necessary, Or
 ii) is recommended/after Year..... Months, and therefore this certificate shall be valid till (DD/MM/YYYY)
 @ e.g. Left/Right/both arms/legs; # e.g. Single eye/both eyes; £ e.g. Left/Right/both ears

4. The applicant has submitted the following document as proof of residence:

Nature of Document	Date of issue	Details of authority issuing certificate

Countersigned [Countersignature and seal of the CMO/Medical Supdt.) Superintendent/Head of Government Hospital in case the certificate is issued by a medical authority who is not a government servant (with seal)]		(Authorised Signatory of notified Medical Authority) (Name and Seal)

Signature/Thumb impression of the person in whose favour disability certificate is issued

—————

Note: In case this certificate is issued by a medical authority who is not a government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District. The principal rules were published in the Gazette of India vide notification number S.O. 908 (E), dated the 31st December, 1996.

LETTER OF UNDERTAKING FOR USING SCRIBE

NOTE: Candidates who are Visually Impaired (VI)/candidates whose writing speed is affected by Cerebral Palsy muscular dystrophy / candidates with locomotor disability (one arm)/Intellectual disability (Autism, specific learning disability and mental illness) are eligible for Scribe.

PARTICULARS OF SCRIBE PROPOSED TO BE ENGAGED BY THE CANDIDATE

1. Name of the Candidate.
2. Name of CBT Center.....
3. Qualification of Candidate
4. Disability Type.....
5. Name of the Scribe.....
6. Date of Birth of the Scribe.
7. Father's Name of the Scribe
8. Address of the Scribe :
 - (a) Permanent Address.....
 -
 - (b) Present Address.....
 -
9. Educational Qualification of the Scribe
10. Relationship, if any, of the Scribe to the Candidate

Paste here recent
colour Passport Size
Photograph of the
SCRIBE of size 3.5
cm x 4.5 cm (The
Colour photograph
should not be more
than 3 months old.

11. DECLARATION:

- i) We hereby declare that the particulars furnished above are true and correct to the best of our knowledge and belief. We have read/been read out the Instructions of the NITJSR regarding conduct of the candidates assisted by Scribe/Scribes at this examination and hereby undertake to abide by them.
- ii) We declare that the Scribe himself/herself is not a candidate in this examination. We understand that in case it is found otherwise the candidature of both of us will be rejected.
- iii) We declare that the Scribe has not acted/will not act as Scribe to any other candidate of this examination.

Signature of the Candidate	Left thumb impression of the Candidate	Signature of the Scribe	Left thumb impression of the Scribe

Signature of the Invigilator

**Sd/-
Registrar**

INDICATIVE SYLLABUS FOR VARIOUS POSTS

The detailed post wise syllabus for CBT is furnished as under :-

SL No.	PART- A (Common for all the Group B & C posts)
1.	GENERAL AWARENESS <ul style="list-style-type: none"> Major current Events and Issues of India and World Event of National and International Importance Persons and places in recent news Games and Sports related Activities etc. Social media, Role of ICT and AI in Modern times.
2.	REASONING <ul style="list-style-type: none"> Analytical Reasoning Mental Ability: Number series, Letter series, Odd man out, Coding-Decoding, Problems relating to Relations, Shapes, and their sub-sections Basic Numeracy: Elementary knowledge of Mathematical and Statistical Analysis Data Analysis (Tables, Bar diagram, Line graph, Pie-chart)
3.	MATHEMATICS <ul style="list-style-type: none"> ARITHMETIC:- (i) Number systems: Natural Numbers, Integers, Rational and Irrational numbers, Real numbers, Divisors of an Integer, prime Integers, L.C.M. and H.C.F. of integers and their Interrelationship. (ii) Average (iii) Ratio and proportion (iv) Percentage (v) Profit and Loss (vi) Simple and Compound Interests (vii) Work and Time (viii) Speed, Time and Distance ALGEBRA:- (i) Factors of polynomials, L.C.M. and H.C.F. of polynomials and their interrelationship, Remainder theorem, simultaneous linear equations, quadratic equations. (ii) Set Theory:- Set, null set, subsets and proper subsets of a set, operations (Union, Intersections, difference, symmetric difference) between sets, venn diagram. GEOMETRY:- (i) Constructions and theorems regarding triangle, rectangle, square, trapezium and circles, their perimeter and area. (ii) Volume and surface area of sphere, right circular cylinder, right circular Cone and Cube. STATISTICS:- Collection of data, Classification of data, frequency, frequency distribution, tabulation, cumulative frequency. Representation of data - Bar diagram, Pie chart, histogram, frequency polygon, cumulative frequency curves (ogives), Measures of Central tendency: Arithmetic Mean, Median and Mode.
4.	<ul style="list-style-type: none"> GENERAL HINDI (हिंदी वर्णमाला, विराम चिह्न, शब्द रचना, वाक्य रचना, अर्थ, शब्द रूप, संधि, समास, क्रियाएँ, अनेकार्थी शब्द, विलोम शब्द, पर्यायवाची शब्द, मुहावरे और लोकोक्तियाँ, तत्सम एवं तद्भव, देशज, विदेशी (शब्द भण्डार), वर्तनी, अर्थ बोध, हिंदी भाषा के प्रयोग में होने वाली अशुद्धियाँ, हिंदी की प्रमुख बोलियाँ) GENERAL ENGLISH (Active Voice and Passive Voice, Parts of Speech, Transformation of Sentences, Direct and Indirect Speech, Punctuation and Spellings, Words meanings, Vocabulary & Usage, Idioms and Phrases, Fill in the Blanks), Hindi & English Comprehension, Communication Skill

5.	<p>COMPUTER AWARENESS</p> <p>COMPUTER BASICS: Organization of a computer, Central Processing Unit (CPU), input/output devices, computer memory, memory organization, back- up devices, PORTs, Windows Explorer. Keyboard shortcuts.</p> <p>SOFTWARE: Windows Operating system including basics of Microsoft Office like MS word, MS Excel and Power Point etc.</p> <p>WORKING WITH INTERNET AND E-MAILS: Web Browsing & Searching, Downloading & Uploading, Managing an E-mail Account, e-Banking.</p> <p>BASICS OF NETWORKING AND CYBER SECURITY: Networking devices and protocols, Network and information security threats (like hacking, virus, worms, Trojan etc.) and preventive measures.</p>
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Post Name	Part B – (Syllabus of the specialization)
Student Activity & Sports (SAS) Officer	<p>Physical Education and Sports:</p> <p>i) Physical education and adapted physical education, their objectives Philosophies of education as applied to physical education, Growth and development of physical education in India, Wellness- its importance, benefits and challenges. Social aspects of sports- sports as a socializing agency, social values, sports leadership, Ancient & Modern Olympics games, Asian and Commonwealth games. Structure and functions of international and national bodies controlling various games and sports. Prominent honours and awards in games and sports.</p> <p>ii) Exercise physiology its scope and importance in the field of physical education and sports. Cardio respiratory adaptations to long and short term physical activities. Muscle- its types, characteristics and functions. Microscopic structure of muscle fibre. Types of muscle fibres and sports performance. Muscular adaptations to exercise. Bio-chemical aspects of exercise - Metabolism of food products. Aerobic and anaerobic systems during rest and exercise. Recovery process - Physiological aspects of fatigue.</p> <p>iii) Kinesiology and biomechanics. Modern trends in biomechanics. Planes and Axes of human body. Joints and their movements. Muscle attachments - Origin, insertion, action and leverage of the principal muscles used in sports. Motion: its laws and their application in sports. Mechanical advantage and applications of Levers in sports. Kinesiological, Muscular and mechanical analyses of fundamental movements:</p> <p>iv) Sports psychology- its importance in the field of physical education and sports. Motivation in sports- types, theories and dynamics. Psychological factors affecting sports performance- Emotions, Anxiety aggression, stress self-confidence, concentration, mental practice and goal setting. Personality- Theories of personality, measurement of personality. Long and short term psychological preparation for performance/competition. Psychological skill training for activation and relaxation</p>

	<p>v) Health- its objectives, Health education, its importance. Health- related physical fitness. Body weight control and its significance on health. Role of exercise, dieting and combination of exercise & dieting on weight control. Effects of pollution on health, Preventive and safety measures from pollution. Nutrition-Balanced diet & its components. Nutritional Deficiencies. Understanding of malnutrition and nutritional supplements. Effects of smoking, alcohol, & drugs on health; prevention and rehabilitation.</p> <p>vi) Sports training- its characteristics and principles. Training load, its features, principles and adaptation process. Means and methods of executing training load. Overload, its Causes, symptoms and remedial measures. Strength- its characteristics, types of strength, factors determining strength and strength development. Endurance- its characteristics, types of endurance, factors determining endurance and endurance development. Speed - its characteristics, types of Speed, factors determining Speed and speed development. Flexibility-its characteristics, types of flexibility, factors determining flexibility and flexibility development. Coordinative abilities- its characteristics, types of coordinative abilities, factors determining coordinative abilities and development of coordinative abilities. Technique and skill- its characteristics and importance. Different stages of technique development and technique training. Tactics and strategy. Periodization- its importance, objectives and types of periodization. Concept of different periods - Preparatory, competition and transitional. Types of Competition: Talent identification- process and procedure.</p> <p>vii) Research in physical education- its importance and classification. Ethical issues in research. Methods of research- Descriptive, historical and experimental. Experimental research designs. Identification and formulation of research problem. Types of research hypotheses and their formulation. Tools of research- Questionnaires, opinionnaires, Note taking and critical reading. Sampling Techniques- Probability and non-probability. Data, its types and collecting measures.</p> <p>viii) Test, measurement and evaluation - their types and importance in physical education and sports. Tests for fitness- Physical fitness, motor fitness, motor ability and motor educability. Test for fitness components - strength, endurance, speed, flexibility and coordinative abilities. Anthropometric Measurements- land marks and measurement of various body segments, height, sitting-height, weight, diameters, circumferences, skinfolds, body mass index, ponderal index. Somatotype and Posture evaluating techniques. Testing of physiological phenomenons- Heart rate, pulse rate & body temperature.</p> <p>ix) Disciplinary Procedures: CCS(Conduct) Rules, CCS(CCA) Rules, Procedure for disciplinary actions. Essential steps for handling disciplinary cases. CVC Guidelines.</p> <p>x) Purchasing: Purchasing Principles GFR-2017.Various</p>
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	<p>purchasing Systems etc. GeM Rules and Central Public Procurement Portal. Preparation of Budget. Legal aspects of Purchasing. Procurement of Goods, Services and Works. Payment procedure etc. PFMS. CVC Guidelines of Procurement. Functions of CAG Audit in Procurement.</p> <p>xi) Store Management: Contract Management, Inventory Management, Bill of Materials. Stores Accounting. Stock-taking/stock verification, Valuation of stock in hand.</p>
Assistant Librarian	<p>i) Information Sources and Services Knowledge organization- Classification and Cataloguing Information and Communication technology</p> <p>ii) Library Automation</p> <p>iii) Internet and its applications</p> <p>iv) Digital Library Initiatives- National and International level</p> <p>v) Content Creation and Management</p> <p>vi) Information Storage and retrieval</p> <p>vii) Indexing.</p> <p>viii) Content analysis - Abstract and abstracting.</p> <p>ix) Vocabulary control.</p> <p>x) Information searching and media.</p> <p>xi) Information retrieval system</p> <p>xii) Research methods/ methodology and Statistical techniques.</p> <p>xiii) Management of Library and Information Centers.</p> <p>xiv) Information and communication.</p> <p>xv) Open access scholarly communication.</p> <p>xvi) IPR- Intellectual Property Rights.</p> <p>xvii) Information analysis- consolidation and repackaging- concept process and products</p> <p>xviii) Planning, management and marketing of an information consolidation unit.</p> <p>xix) Information systems- management of Academic library system, special library system and business information system.</p> <p>xx) Latest trends in LIS- Library and Information Science</p> <p><i>All topics related to required Managerial and communication skills.</i></p>
Assistant Registrar	<p>i) Service Matters: FR & SR, LTC Rules, Leave Rules, CCS Conduct Rules, TA/DA Rules, Medical Attendance Rules, Disciplinary & Vigilance, RTI Act, Office Procedure, NIT Act and Statutes, Reservation in Service Rules, etc., DPC, Pay Fixation, Seniority, Legal Matters, Foreign Service, Deputation, Labor Laws, Service Rules, CCS(Pension) Rules, New Pension Scheme.</p> <p>ii) Financial Administration: General Financial Rules (GFR), Elementary knowledge of Income Tax, GST Rules, Banking procedures of budgeting.</p> <p>iii) Public Procurement: Procurement of Goods and Services, GeM Rules and Procedures, Central Public Procurement Portal: Tendering, Procuring, etc., Contract Management, Inventory Management, Procurement Manuals, Import of Goods.</p> <p>iv) Noting & Drafting Skills.</p>

Technical Assistant (Computer Science & Engineering)	<p>i) Mathematics: Arithmetic, Geometric and Harmonic Progressions, Binomial expansion, Matrices, Elementary operations, Rank of a matrix Parabola, Ellipse and Hyperbola, Differentiation of a function, implicit function, parametric function. Successive differentiation. Maxima and Minima, Partial Differentiation, Definite and indefinite Integration. First order and first degree ordinary differential equations. Physics: Units and Dimensions with Dimensional analysis and their Limitation, Motion in one and two dimensions and Newton's Laws of Motion. Work and Energy and Conservation Laws of energy, Properties of matter i.e. Elasticity, Surface tension and viscosity in fluent motion, waves and vibration. Characteristics of waves and Simple Harmonic Motion, Rotational Motion, Conservation on angular momentum, Gravitation, Newton's law of gravitation, Kepler's law and Satellite, Heat and temperature. Measurement of temperature and mode of transfer of heat and their laws, geometric optics and simple optical instruments, Simple Law of electrostatics and their use to find the E and potential. Capacitors and dielectric constant, Laser, its principle and use, Superconductivity, Conventional and Non-Conventional energy sources.</p> <p>ii) Computer Organization and Architecture Binary representation, registers, Instruction set, timing and control, CPU, instruction cycle, addressing modes, CISC, RISC, synchronization, interrupt and exception, privileged and non-privileged instruction, hierarchical memory organization, memory mapping, cache memory, coherence, consistency, virtual memory, interleaving, DMA, Signed number, fixed and floating point numbers, control unit design, arithmetic and instruction pipelining: throughput, speedup, branch prediction, hazards</p> <p>iii) Programming, Data Structures, Algorithms, and Theory of Computation Programming in C, pointers, basic data structures, array, string, stack, queue, recursion, linear and non-linear data structures, searching and sorting algorithms, complexity and asymptotic analysis, Mealy and Moore machine, finite automata, Determinism and non-determinism, Regular expressions, minimization of deterministic finite automata PDA, regular grammar, CFG, Chomsky's hierarchy, closure properties, pumping lemma, Turing machine, halting problem</p> <p>iv) Operating System and Database Systems Basics of Popular Operating Systems (Linux & Windows), File and Directory Management, purpose of database system, Data Models, ER-Model, Introduction to UML, keys, integrity rules, Relational Database design, Normalization, Selection and projection, Joins, SQL: data definition, aggregate function, Null Values, nested sub queries, joined relations, ACID properties, serializability and concurrency control, Lock based concurrency control (2PL, Deadlocks), Time stamping methods</p> <p>v) Computer Networks and Web technologies Basic of Computer networks: LAN, WAN, OSI reference model, TCP/IP, sliding window protocol, Channel allocations problem, Ethernet, Wireless LAN, Broadband Wireless, routing algorithms, Congestion control algorithms, IPv4 and IPv6, Quality of Service, UDP and TCP, Domain name system,</p>
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	electronic mail, World Wide Web: architectural overview, dynamic web document and http, File Transfer Protocol, Simple Mail Transfer Protocol, Telnet, Concept of Internet, Applications of Internet, Search Engines
Technical Assistant (Electrical Engineering)	<p>i) Mathematics: Arithmetic, Geometric and Harmonic Progressions, Binomial expansion, Matrices, Elementary operations, Rank of a matrix Parabola, Ellipse and Hyperbola, Differentiation of a function, implicit function, parametric function. Successive differentiation. Maxima and Minima, Partial Differentiation, Definite and indefinite Integration. First order and first degree ordinary differential equations. Physics: Units and Dimensions with Dimensional analysis and their Limitation, Motion in one and two dimensions and Newton's Laws of Motion. Work and Energy and Conservation Laws of energy, Properties of matter i.e. Elasticity, Surface tension and viscosity in fluent motion, waves and vibration. Characteristics of waves and Simple Harmonic Motion, Rotational Motion, Conservation on angular momentum, Gravitation, Newton's law of gravitation, Kepler's law and Satellite, Heat and temperature. Measurement of temperature and mode of transfer of heat and their laws, geometric optics and simple optical instruments, Simple Law of electrostatics and their use to find the E and potential. Capacitors and dielectric constant, Laser, its principle and use, Superconductivity, Conventional and Non-Conventional energy sources.</p> <p>ii) Elements of Electrical Engineering: Electrical and Magnetic circuits, EMF, Kirchhoff's law and Faraday's Laws, Network Theorems, AC circuit, RMS value Behavior of RLC elements, Series and parallel circuits, series and parallel resonance circuits, Transformers, Introduction to single phase and three phase transformers DC Machines, Theory, Constructions and Operation of three phase induction motors, Transmission and Distribution Advantages of high voltages for transmission, Comparison of 3 phase, single phase, 2 Phase and three wire D.C. Systems.</p> <p>iii) Elements of Electronic Engineering: Measurements Instrumentations, Errors, standards, accuracy precision resolution, Ammeters, Voltmeters, watt meters Energy meters, insulation tester, multimeter, CRO, measurement of V, I & F on CRO low, medium & high resistance measurement, AC bridges Transducers for measurement of temperature, displacement, communication system, types of modulation, demodulation, Analog Electronics Semiconductor diode circuits, zener diode and zener diode circuits, LED, photo diode, BJT, FET & their configurations and characteristics Biasing, small signal and Large signal amplifier, OP-AMPS, oscillators, regulated power supply.</p> <p>iv) COMPUTER LITERACY: Characteristics of Computer, Computer Organization, Input/output Devices, Computer Software-Relationship between Hardware and Software, Operating Systems, MS-Office (exposure of Word, Excel/spread sheet, Power point). Digital Signature, Application of information technology in Government for e-Governance,</p>

	mobile/Smartphone, Information tasks.
Technical Assistant (Civil Engineering)	<p>i) Mathematics: Arithmetic, Geometric and Harmonic Progressions, Binomial expansion, Matrices, Elementary operations, Rank of a matrix Parabola, Ellipse and Hyperbola, Differentiation of a function, implicit function, parametric function. Successive differentiation. Maxima and Minima, Partial Differentiation, Definite and indefinite Integration. First order and first degree ordinary differential equations. Physics: Units and Dimensions with Dimensional analysis and their Limitation, Motion in one and two dimensions and Newton's Laws of Motion. Work and Energy and Conservation Laws of energy, Properties of matter i.e. Elasticity, Surface tension and viscosity in fluent motion, waves and vibration. Characteristics of waves and Simple Harmonic Motion, Rotational Motion, Conservation on angular momentum, Gravitation, Newton's law of gravitation, Kepler's law and Satellite, Heat and temperature. Measurement of temperature and mode of transfer of heat and their laws, geometric optics and simple optical instruments, Simple Law of electrostatics and their use to find the E and potential. Capacitors and dielectric constant, Laser, its principle and use, Superconductivity, Conventional and Non-Conventional energy sources.</p> <p>ii) Computer awareness: Basic knowledge of Computer Applications, viz; MS Word, MS Excel, Power Point etc. Internet, MS-DOS, Data Entry, Softwares knowledge, applications of computers in civil engineering.</p> <p>iii) Surveying: Introduction, History and principles of chain survey. Classification, accuracy, types of chains and tapes. Direct and Indirect ranging.</p> <p>iv) Compass survey: Instrument and its setting up, Bearing and each included angle of close traverse. Local attraction. Magnetic declination and its true bearing. Precaution in using prismatic compass.</p> <p>v) Levelling: Auto level, dumpy Level, Tilting Level - introduction, definition · Principle of levelling. Levelling staffs, its graduation & types. Temporary and permanent adjustment, procedure in setting up. Level & horizontal surface. Datum Benchmark, Focusing & parallax Deduction of levels / Reduced Level. Types of leveling, Application to chain and Levelling Instrument to Building construction. Reciprocal levelling.</p> <p>vi) Contouring: Definition, Characteristics, Methods. Direct and Indirect methods · Interpolation of Contour, Contour gradient, Uses of Contour plan and Map. Application of contouring for road project.</p> <p>vii) Theodolite survey: Introduction. Types of theodolites. Uses, Methods of Plotting. Transit vernier theodolite. Terms of transit theodolite. Fundamental line of theodolite. Adjustment of theodolite.</p> <p>viii) Total Station: Introduction. Components parts, accessories used.</p>

	<p>ix) GPS (Global Positioning System): Introduction of GPS system. Definition and application of Remote sensing.</p> <p>x) Water supply: Introduction. Terms used in PHE. Various types of water supply pipes and fittings. Material specification. Type of overhead and underground water tanks. Tools and equipment's used in water supply system. Basic concept, terminology and process used in Water treatment plant ·</p> <p>xi) Systems of sanitation: System of house drainage, plumbing, sanitary fittings, etc. Types of sewer appurtenance, Systems of plumbing. Type of sewage disposals.</p>
Technical Assistant (Mechanical Engineering)	<p>i) Mathematics: Arithmetic, Geometric and Harmonic Progressions, Binomial expansion, Matrices, Elementary operations, Rank of a matrix Parabola, Ellipse and Hyperbola, Differentiation of a function, implicit function, parametric function. Successive differentiation. Maxima and Minima, Partial Differentiation, Definite and indefinite Integration. First order and first degree ordinary differential equations. Physics: Units and Dimensions with Dimensional analysis and their Limitation, Motion in one and two dimensions and Newton's Laws of Motion. Work and Energy and Conservation Laws of energy, Properties of matter i.e. Elasticity, Surface tension and viscosity in fluent motion, waves and vibration. Characteristics of waves and Simple Harmonic Motion, Rotational Motion, Conservation on angular momentum, Gravitation, Newton's law of gravitation, Kepler's law and Satellite, Heat and temperature. Measurement of temperature and mode of transfer of heat and their laws, geometric optics and simple optical instruments, Simple Law of electrostatics and their use to find the E and potential. Capacitors and dielectric constant, Laser, its principle and use, Superconductivity, Conventional and Non-Conventional energy sources.</p> <p>ii) Computer awareness: Basic knowledge of Computer Applications, viz; MS Word, MS Excel, Power Point etc. Internet, MS-DOS, Data Entry, Softwares knowledge, applications of computers in mechanical engineering.</p> <p>iii) Automobile Engineering: Automobile and its development, Classification of automobiles, Transmission System, Steering System, Braking System, Dynamo and Alternator and Exhaust Emissions.</p> <p>iv) Computer Integrated Manufacturing: Introduction to NC, CNC & DNC, Construction and Tooling, Part Programming, System Devices, Problems in CNC Machines, Automation and NC system.</p> <p>v) Engineering Materials: Scope of Material Science, Crystallography, Metals and Alloys, Heat Treatment, Plastics and Advanced Materials.</p> <p>vi) Engineering Mechanics: Laws of Forces, Moment, Friction, Centre of Gravity and Simple Machines.</p> <p>vii) Fluid Mechanics: Type and Properties of Fluids, Pressure and its Measurement, Flow of Fluids and Flow through Pipes.</p> <p>viii) Heat-Transfer: Modes of Heat Transfer, Fourier's Law, Steady State Conduction, Composite Structures, Natural and Forced Convection and Thermal Radiation.</p>

	<p>ix) I.C. Engines: Working principle of two stroke and four stroke cycle, SI engines and CI Engines, Otto cycle, Diesel cycle, Dual cycle, Fuel Supply and Ignition System in Petrol Engine, Fuel System of Diesel Engine, Cooling and Lubrication and Testing of IC Engines.</p> <p>x) Machine Design: Design-Definition, Types of design, necessity of design, Design terminology: stress, strain, factor of safety, factors affecting factor of safety, stress concentration, methods to reduce stress concentration, fatigue, endurance limit, Design Failure, Design of Shaft, Design of Key, Design of Joints, Design of Flange Coupling and Design of Screwed Joints.</p> <p>xi) Machining and Machine Tool Operations: Cutting Tools and Cutting Materials, Lathe, Drilling, Boring, Shaping and Planning, Broaching, Jigs and Fixtures and Cutting Fluids and Lubricants, Welding, Pattern Making, Metal Forming Processes.</p> <p>xii) Mechanics of Materials: Stresses and Strains, Resilience, Moment of Inertia, Bending Moment and Shearing Force, Bending Stresses, Columns, Torsion and Springs.</p> <p>xiii) Metrology and Inspection: Linear and Angular Measurement, Measurement of Surface Finish and Measurements of Screw threads and Gauges.</p> <p>xiv) Refrigeration and air-conditioning: Fundamentals of Refrigeration, Vapour Compression System, Refrigerants, Air Refrigeration System, Vapour Absorption System and Refrigeration Equipment.</p> <p>xv) Theory of Machines: Simple Mechanisms, Friction, Power Transmission, Flywheel, Governor and Balancing.</p> <p>xvi) Thermodynamics: Fundamental Concepts, Laws of Perfect Gases, Thermodynamic Processes on Gases, Laws of Thermodynamics, Ideal and Real Gases and Properties of Steam.</p> <p>xvii) Turbo-machinery: Introduction to Turbomachines, Classification of Turbomachines, Steam Turbines and Steam Condensers, Gas Turbines and Jet Propulsion</p> <p>xviii) Vibrations: Types-Longitudinal, Transverse and Torsional vibrations, Dampening of Vibrations, Causes of vibrations in Machines, their Harmful Effects and Remedies.</p>
Junior Engineer (Civil)	<p>i) Mathematics: Arithmetic, Geometric and Harmonic Progressions, Binomial expansion, Matrices, Elementary operations, Rank of a matrix Parabola, Ellipse and Hyperbola, Differentiation of a function, implicit function, parametric function. Successive differentiation. Maxima and Minima, Partial Differentiation, Definite and indefinite Integration. First order and first degree ordinary differential equations. Physics: Units and Dimensions with Dimensional analysis and their Limitation, Motion in one and two dimensions and Newton's Laws of Motion. Work and Energy and Conservation Laws of energy, Properties of matter i.e. Elasticity, Surface tension and viscosity in fluent motion, waves and vibration. Characteristics of waves and Simple Harmonic Motion, Rotational Motion, Conservation on angular momentum, Gravitation, Newton's law of gravitation, Kepler's law and Satellite, Heat and temperature. Measurement of</p>

	<p>temperature and mode of transfer of heat and their laws, geometric optics and simple optical instruments, Simple Law of electrostatics and their use to find the E and potential. Capacitors and dielectric constant, Laser, its principle and use, Superconductivity, Conventional and Non-Conventional energy sources.</p> <p>ii) Computer awareness: Basic knowledge of Computer Applications, viz; MS Word, MS Excel, Power Point etc. Internet, MS-DOS, Data Entry, Software knowledge, applications of computers in civil engineering.</p> <p>iii) Surveying: Introduction, History and principles of chain survey. Classification, accuracy, types of chains and tapes. Direct and Indirect ranging.</p> <p>iii) Compass survey: Instrument and its setting up, Bearing and each included angle of close traverse. Local attraction. Magnetic declination and its true bearing. Precaution in using prismatic compass.</p> <p>iv) Levelling: Auto level, dumpy Level, Tilting Level - introduction, definition · Principle of levelling. Levelling staffs, its graduation & types. Temporary and permanent adjustment, procedure in setting up. Level & horizontal surface. Datum Benchmark, Focusing & parallax Deduction of levels / Reduced Level. Types of leveling, Application to chain and Levelling Instrument to Building construction. Reciprocal levelling.</p> <p>vi) Contouring: Definition, Characteristics, Methods. Direct and Indirect methods · Interpolation of Contour, Contour gradient, Uses of Contour plan and Map. Application of contouring for road project.</p> <p>vii) Theodolite survey: Introduction. Types of theodolite. Uses, Methods of Plotting. Transit vernier theodolite. Terms of transit theodolite. Fundamental line of theodolite. Adjustment of theodolite.</p> <p>viii) Total Station: Introduction. Components parts, accessories used.</p> <p>ix) GPS (Global Positioning System): Introduction of GPS system. Definition and application of Remote sensing.</p> <p>x) Water supply: Introduction. Terms used in PHE. Various types of water supply pipes and fittings. Material specification. Type of overhead and underground water tanks. Tools and equipment's used in water supply system. Basic concept, terminology and process used in Water treatment plant.</p> <p>xi) Systems of sanitation: System of house drainage, plumbing, sanitary fittings, etc. Types of sewer appurtenance, Systems of plumbing. Type of sewage disposals.</p>
Library & Information Assistant	<p>i) Library and Society: Laws of Library Science: Types of Libraries; Library Associations, Systems and Programmes; Library Movement and Library Legislation in India; Organizations and Institutions involved in the development of Library and Information Services – UNESCO, IFLA, FID, INIS, NISSAT, etc.</p> <p>ii) Library Management: Collection development – Types of Documents and Selection Principles, Acquisition Procedure,</p>

	<p>Acquisition of Journals and Periodicals, Preparation of Documents for use; Library Personnel and Library Committee, Library Rules and Regulations; Library Finance and Budget; Principles of Library Management, Library Organisation and Structure; Use and Maintenance of the Library – Circulation, Maintenance, Shelving, Stock Verification, Binding and Preservation, Weeding out, etc.;</p> <p>iii) Library Classification Theory and Practice: Canons and Principles, Library Classification Schemes– DDC, CC, UDC;</p> <p>iv) Library Cataloguing Theory and Practice: Canons and Principles; Library Cataloguing Codes – CCC and AACR.</p> <p>v) Reference and Information Sources: Bibliography and Reference Sources – Types of Bibliography; Reference Sources – Dictionaries, Encyclopedias, Ready Reference Sources, etc.; Sources of Information – Primary, Secondary, Tertiary, Documentary, Non-Documentary; E-Documents, E-Books, E-Journals, etc.;</p> <p>vi) Information Services: Concept and need for Information; Types of Documents; Nature and organization of Information Services, Abstracting and Indexing Services; Computer based Information Services – CAS, SDI;</p> <p>vii) Information Technology: Basics Introduction to Computers; Use of computers in Library housekeeping, Library Automation; Software and software packages; Networks – DELNET, NICNET, etc.; National and International Information Systems – NISSAT, NASSDOC, INSDOC, DESIDOC, etc.</p>
Superintendent	<p>Constitution of India, FR & SR, CCS Leave Rules, CCS Conduct Rules, CCS Pension Rules, New Pension Scheme, Disciplinary & Vigilance, LTC Rules, TA/DA Rules and other Allowances, GPF Rules, Office Procedure, Reservation & Concession in Services, Deputation, Foreign Service, Lien, Probation, Confirmation, Retirement, Resignation, DPC, LDE, Seniority, General Financial Rules-2017 & 2022, GeM Rules, Delegation of Financial Power Rules, Budgeting & Internal Audit, HEFA/ PFMS, Medical Attendance Rules & CGHS, etc.</p>
Pharmacist	<ol style="list-style-type: none"> 1. Pharmaceutics 2. Pharmaceutical inorganic chemistry 3. Pharmaceutical organic chemistry 4. Biochemistry 5. Pathophysiology 6. Computer application in pharmacy 7. Environmental science 8. Pharmaceutical microbiology 9. Pharmaceutical engineering 10. Pharmacology 11. Pharmacognosy and phytochemistry 12. Industrial pharmacy 13. Pharmaceutical jurisprudence 14. Herbal drug technology 15. Biopharmaceutics and pharmacokinetics 16. Pharmaceutical biotechnology 17. Pharmaceutical quality assurance 18. Instrumental methods of analysis 19. Novel drug delivery system 20. Biostatistics and research methodology 21. Social and preventive pharmacy

	22. Pharma marketing management 23. Pharmaceutical regulatory science 24. Pharmaco vigilance 25. Cosmetic science 26. Pharmacological screening methods 27. Dietary supplements and nutraceuticals <i>Detailed syllabus as per Pharmacy Council Of India, New Delhi for B.Pharma course</i>
Senior Assistant	Constitution of India, CCS Leave Rules, CCS Conduct Rules, LTC Rules, TA/DA Rules and other Allowances, Office Procedure, Probation, Confirmation, Resignation, General Financial Rules-2017 & 2022, GeM Rules, Medical Attendance Rules & CGHS, etc
Technician	Physics, Chemistry and Mathematics (Class 12 th CBSE Syllabus)
Senior Technician	Physics, Chemistry and Mathematics (Class 12 th CBSE Syllabus)
