

Admit Card No./Application ID

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Question Booklet.: Sr. Asst_2025_Level_I

Signature of the Candidate

NATIONAL INSTITUTE OF TECHNOLOGY, GOA

Recruitment for the Post of for the post of Senior Assistant

Total Time Allowed: 1 hour 30 minutes

Total Marks: 75

IMPORTANT INSTRUCTIONS

1. The candidate will be supplied with the Question Booklet 05 minutes before commencement of the Examination.
2. The Level I Written Examination has the following two parts:
 - Level I, Part A (General) consists of 25 questions for a total of 25 marks, with 1 mark awarded for each correct answer and a negative marking of 0.25 for every wrong answer.
 - Level I, Part B (Domain Specific) consist of 50 questions for a total of 50 marks, with 1 mark awarded for each correct answer and a negative marking of 0.25 for every wrong answer.
3. The candidates have to answer the option in the space given in the question paper itself.
4. Question Papers will have to be returned to the Invigilator after the end of the exam.
5. No candidates will be allowed to leave the Exam Hall before the completion of the exam time.
6. Before attempting to answer, candidates are requested to check whether all the questions are there and ensure there are no blank pages in the Question Booklet.
7. The candidate must write their Admit Card No./Application ID in the space provided and sign on all the pages. Do not write anything else on the Question Booklet.
8. Each question comprises four responses (A), (B), (C) and (D). Candidates are to select ONLY ONE correct response.
9. To answer the questions, candidates are to write the option with Blue ink Ball point pen in the space given against for each question.
10. If more than one answer for one question is written, the answer will be treated as wrong. e.g. If for any item, **B** is the correct answer, the candidate has to write **B** in the space given against the question.
11. Candidates should not remove or tear off any sheet from this Question Booklet. Candidates are not allowed to take the Question Booklet out of the Examination Hall.
12. Failure to comply with any of the above instructions will render the candidate liable to such action or penalty as may be decided by the Competent Authority, NIT Goa.

Invigilator's Signature

Candidate's Signature

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Read the following instructions carefully before you begin to answer the questions.

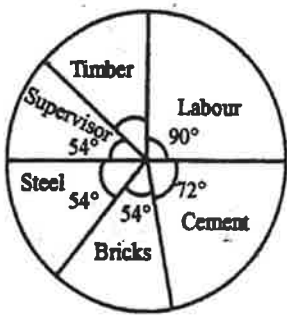
Level I: Part A (General)		
25 Objective-type multiple-choice questions, carrying 01 mark		
(25 marks)		
S No	Question	Answer
1	In an examination, A has scored 20 marks more than B. If B has scored 5% less marks than A, how much has B scored? a) 360 b) 380 c) 400 d) 420	
2	A and B are two heavy steel blocks. If B is placed on the top of A, the weight increases by 60%. How much weight will reduce with respect to the total weight of A and B, if B is removed from the top of A? a) 60% b) 45.5% c) 40% d) 37.5%	
3	A shopkeeper sells an article at Rs. 40 and gets X% profit. However, when he sells it at Rs. 20, he faces same percentage of loss. What is the original cost of the article? a) Rs. 10 b) Rs. 20 c) Rs. 30 d) Rs. 40	
4	Out of 120 applications for a post, 70 are male and 80 have a driver's license. What is the ratio between the minimum to maximum number of males having driver's license? a) 1 to 2 b) 2 to 3 c) 3 to 7 d) 5 to 7	

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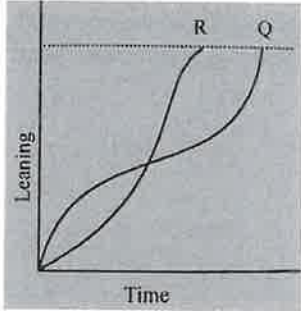
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5	<p>In a class, there are 18 very tall boys. If these constitute three-fourths of the boys and the total number of boys is two-thirds of the total number of students in the class, what is the number of girls in the class?</p> <p>a) 6 b) 12 c) 18 d) 21</p>	
6	<p>Two cities A and B are 360 km apart. A car goes from A to B with a speed of 40 km/hr and returns to A with a speed of 60 km/hr. What is the average speed of the car?</p> <p>a) 45 km/hr b) 48 km/hr c) 50 km/hr d) 55 km/hr.</p>	
7	<p>The following pie chart cost of constructing one house. The total cost was Rs. 6 lakh.</p>  <p>The amount spent on cement, steel and supervision is what percent of the total cost of construction?</p> <p>a) 40% b) 45% c) 50% d) 55%</p>	
8	<p>The following figure represents time vs learning curves of two students, Q and R for learning a Mathematics lesson:</p>	

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	 <p>Which one of the following can be drawn from the graph?</p> <p>a) R started slowly in the beginning but got ahead of Q to complete learning the lesson</p> <p>b) Q started slowly and finished learning the lesson earlier than R</p> <p>c) R was always faster than Q in learning Mathematics</p> <p>d) Q was always faster than R in learning Mathematics</p>	
9	<p>The letters L, M, N, O, P, Q, R, S and T in their order are substituted by nine integers 1 to 9 but not in that order, 4 is assigned to P. The difference between P and T is 5. The difference between N and T is 3. What is the integer assigned to N?</p> <p>a) 7</p> <p>b) 5</p> <p>c) 4</p> <p>d) 6</p>	
10	<p>Six roads lead to a country. They may be indicated by letters X, Y, Z and digits 1, 2, 3. When there is storm, Y is blocked. When there are floods X, 1 and 2 will be affected. When road 1 is blocked, Z also is blocked. At a time when there are floods and a storm also blows, which road(s) can be used?</p> <p>a) Only Y</p> <p>b) Only Z</p> <p>c) Only 3</p> <p>d) Z and 2</p>	
11	<p>Six books A, B, C, D, E and F are placed side by side. B, C and E have blue cover and the other books have red cover. Only D and F are new books and the rest are old. A, C and D are law reports and others are Gazetteers. What book is a new law report with a red colour ?</p> <p>a) A</p> <p>b) B</p>	

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	c) C d) D	
12	Five boys are seated in a row. A sits to the right of D. E sits to the left of D but to the right of C. If A is to the left of B, who occupies the middle seat? a) E b) B c) A d) D	
13	If STRONG is coded as ROTNSG, how would KANPUR be coded using the same rule? a) NPAUKR b) RPKNAU c) NPRKAU d) RUPNKA	
14	Spot the Error Each of the boys/ in the class /were /given a certificate for participation. a) Each of the boys b) in the class c) were d) given a certificate for participation	
15	The manager congratulated the team _____ their success. a) for b) at c) on d) with	
16	Choose the option that best expresses the meaning of the underlined idiom/phrase. Make both ends meet a) Meet two friends b) Earn enough to survive c) Fix something d) Join two objects	

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17	<p>Select the most appropriate ANTONYM of the given word.</p> <p><i>Perilous</i></p> <p>a) Verbose b) Unstable c) Cruel d) Safe</p>	
18	<p>Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.</p> <p><i>The water at her place was cool and had a metallic taste.</i></p> <p>a) was cooling and have b) No improvement required c) were cool and have d) was coolest and has</p>	
19	<p>Read the passage carefully and select the most appropriate option to fill in each blank.</p> <p>Deforestation in tropical regions can affect the way water vapour is produced over the canopy, which causes reduced rainfall. A 2019 study published in the journal. Ecohydrology showed that parts of the Amazon rainforest that (1) _____ converted to agricultural land had higher soil and air temperatures, which could (2) _____ drought conditions."</p> <p>Select the most appropriate option to fill in blank number (1).</p> <p>a) Is b) Were c) Was d) has</p>	
20	<p>Read the passage carefully and select the most appropriate option to fill in each blank.</p> <p>Deforestation in tropical regions can affect the way water vapour is produced over the canopy, which causes reduced rainfall. A 2019 study published in the journal. Ecohydrology showed that parts of the Amazon rainforest that (1) _____ converted to agricultural land had higher soil and air temperatures, which could (2) _____ drought conditions."</p> <p>Select the most appropriate option to fill in blank number (2).</p> <p>a) Purify b) Inflamm c) Provoke</p>	

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	d) aggravate	
21	Goa became the 25th state of India on which date? a) 19 December 1961 b) 30 May 1987 c) 16 January 1975 d) 15 August 1985	
22	Dudhsagar Waterfalls are located on which river? a) Mandovi b) Khandepar c) Zuari d) Sal	
23	The 4-year undergraduate degree under NEP 2020 can lead to which of the following exit qualifications? a) Certificate b) Diploma c) Bachelor's degree with research d) All of the above	
24	Which type of institutions are ranked separately under NIRF? a) Universities b) Engineering colleges c) Management institutions d) All of the above	
25	Which of the following initiatives is part of the Ministry of Education's Technology Enabled Learning (TEL) program for higher education? a) e-ShodhSindhu b) e-Yantra c) SAMARTH - University ERP Solution d) All of the above	

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Level I: Part B (Domain Specific)		
50 Objective-type multiple-choice questions, carrying 01 marks		(50 marks)
S No	Question	Answer
26	Contingent Liability would appear a) On the liability side b) On the asset side c) As a note in Balance Sheet d) None of the above	
27	LTC claims must be submitted within how many months from the date of completion of the journey? a) 1 month b) 3 months c) 6 months d) 12 months	
28	The Right to Information Act came into force on: a) 1 January 2005 b) 12 October 2005 c) 15 August 2005 d) 1 April 2004	
29	What is the starting basic pay in Pay Level–2 under the 7th Pay Commission? a) ₹18,000 b) ₹19,900 c) ₹21,700 d) ₹20,500	
30	Which method provides equal depreciation every year? a) Written Down Value Method b) Straight Line Method c) Sum-of-Digits Method d) Revaluation Method	

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31	Who is the Visitor of all National Institutes of Technology (NITs) in India as per the NITSER Act, 2007? a) Prime Minister of India b) Minister of Education c) President of India d) Chairman, AICTE	
32	First Appeal under RTI must be filed within: a) 15 days b) 30 days c) 45 days d) 90 days	
33	How many financial upgradations are provided under the MACP scheme? a) 1 b) 2 c) 3 d) 4	
34	Which party in a Letter of Credit arrangement is the beneficiary? a) Importer b) Exporter c) Issuing Bank d) Advising Bank	
35	Force Majeure in a procurement contract refers to: a) A clause allowing price negotiation anytime b) Unforeseeable events (like natural disasters, war) that prevent contract fulfillment c) Early completion of the contract d) Mandatory annual audit of suppliers	

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36	<p>In the context of government service, a lien refers to:</p> <ul style="list-style-type: none">a) The right of the government to deduct tax from salaryb) A permanent or temporary claim of an officer on a post or servicec) A type of retirement benefitd) An advance payment against salary	
37	<p>Who is usually the Chairman of the Senate in an NIT?</p> <ul style="list-style-type: none">a) President of Indiab) Director of the NITc) Chairman of the Board of Governorsd) Head of the Department of Education	
38	<p>Who is the Chairperson of the BoG of NIT Goa?</p> <ul style="list-style-type: none">a) Shri Harshavardhan Neotiab) Shri Bollineni Raja Gopal Naiduc) Dr. Suresh Hawarea) D. Shri Ramesh Kumar Saraogi	
39	<p>Who usually heads the Building Works Committee (BWC) in an NIT?</p> <ul style="list-style-type: none">a) Director of the NITb) Chairman of the Board of Governorsc) Registrar of the NITd) Chief Engineer from the state government	
40	<p>Which of the following categories of applicants are exempted from payment of RTI fee?</p> <ul style="list-style-type: none">a) Any person below the poverty lineb) Any person belonging to the age above 60 yearsc) Any person belonging to SC/STd) Any central government employee	
41	<p>As per Rule 143 of GFR, which items will not come under the purview of definition of Goods?</p> <ul style="list-style-type: none">a) Furniture, Fixtures and raw materialsb) Books, Publications, Periodicalsc) Intangible products like software, Patentsd) vehicles, aircraft, ships	

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42	What does QCBS stand for in the context of government tenders? a) Quantity and Cost Budget System b) Quality and Cost Based Selection c) Qualified Competitive Bidding Standards d) Quality Certification Before Submission	
43	Encashment of Earned Leave (EL) upto 10 days at the time of availing LTC is permitted, provided a balance of atleast ____ days of EL is available at the credit of the Govt. servant. a) 10 b) 30 c) 45 d) 20	
44	Proprietary Article Certificate is applicable in a) Limited Tender Enquiry b) Advertised Tender Enquiry c) Single Tender Enquiry d) Two Bid Enquiry Tender	
45	Report of surplus, obsolete and unserviceable stores for disposal shall be prepared in the form a) GFR 10 b) GFR 14 c) GFR 11 d) GFR 16	
46	A Ph.D. student at NIT Goa can request an extension beyond the maximum duration for submission of the thesis only with: a) Approval of the Head of Department b) Approval of the Doctoral Committee c) Approval of the Director d) Approval of the Registrar	
47	How many Undergraduate (B.Tech.) programmes are offered at NIT Goa? a) Five b) Six c) Seven d) Four	

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48	As per NIT Goa academic rules, the minimum attendance required to appear for an end-semester exam is: a) 60% b) 65% c) 75% d) 80%	
49	Pay in the higher post on promotion will be fixed under: a) FR 22 (I) (a) (1) b) FR 21 (I) (a) (1) c) FR 9 (I) (a) (1) d) FR 22 (I) (a) (2)	
50	Interest on capital is calculated on: a) Closing capital b) Opening capital c) Average capital d) Additional capital only	
51	All cases involving loss of Government money arising from erroneous or irregular issue of cheques or irregular accounting of receipts will be reported to the: a) Controller-General of Accounts b) Audit / Accounts Officer c) Comptroller and Auditor General d) Chief Controller of Accounts	
52	A cheque becomes a <i>stale cheque</i> when it is presented to the bank after: a) 1 month b) 2 months c) 3 months d) 6 months	
53	A <i>contingent liability</i> is a liability that: a) Is certain and must be paid b) Depends on the outcome of a future uncertain event c) Is recorded as an asset d) Never appears in financial statements	

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54	<p>The rate of Children Education Allowance (CEA) for Divyang (differently-abled) children prior to the 2024 revision was:</p> <ul style="list-style-type: none">a) ₹2,250 per monthb) ₹3,000 per monthc) ₹4,500 per monthd) ₹5,625 per month	
55	<p>The Public Account of India includes:</p> <ul style="list-style-type: none">a) Tax revenueb) Loans raised by the governmentc) Money held in trust like PF, small savings, etc.d) All expenditures approved by Parliament	
56	<p>In government procurement, a Liquidated Damages (LD) clause is usually applied when the supplier:</p> <ul style="list-style-type: none">a) Requests an extension of delivery periodb) Delivers goods after the stipulated delivery datec) Supplies goods in advanced) Asks for price variation	
57	<p>A Central Government servant is drawing pay @ Rs. 66,000 in Level 7 from 01.11.2025. He proceeded on HPL from 01.12.2025. What will be his NPS contribution for the month of December 2025?</p> <ul style="list-style-type: none">a) Rs. 3300b) Rs. 5214c) Rs. 5036d) Rs. 9240	
58	<p>An application for grant of certificate of empanelment to be an annuity service provider shall be disposed of by the Authority within —</p> <ul style="list-style-type: none">a) Thirty Daysb) Twenty Daysc) Forty-five Daysd) Sixty Days	
59	<p>Child Care Leave (CCL) may not be granted for a period less than _____ days at a time.</p> <ul style="list-style-type: none">a) 15b) 7	

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	<p>c) 12</p> <p>d) 10</p>	
60	<p>In QCBS Evaluation Methodology, the proposal with the following highest weighted score shall be selected:</p> <p>a) Technical Evaluation score only</p> <p>b) Financial Evaluation score only</p> <p>c) Combined evaluation score (both technical and financial)</p> <p>d) Any one of these.</p>	
61	<p>In Incoterm CPT, Ocean/Air Freight is paid by</p> <p>a) Buyer</p> <p>b) Seller</p> <p>c) Both (A) and (B)</p> <p>d) None of these</p>	
62	<p>What is the age criteria to file an RTI application?</p> <p>a) 18 years and above</p> <p>b) 21 years and above</p> <p>c) 16 years and above</p> <p>d) No age bar</p>	
63	<p>The final unit of Budget appropriation is</p> <p>a) Major Head</p> <p>b) Minor Head</p> <p>c) Primary Head</p> <p>d) Object head</p>	

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64	In case of advance to a State or Central Government agency or a Public Sector Undertaking, it should not exceed: a) 20% of the contract value b) 25% of the contract value c) 30% of the contract value d) 40% of the contract value	
65	Expand PFMS a) Public Funds Monitoring Service b) Project Finance Management Scheme c) Payment and Fund Management System d) Public Financial Management System	
66	As per the GFR rule 183, "Expression of Interest" should be sought where the estimated cost of the consulting services is a) Above Rs. 50 lakh b) Above Rs. 25 lakh c) Up to Rs. 20 lakh d) Up to Rs. 25 lakh	
67	What is the time limit fixed for drawal of advance for a journey by train? a) 30 days before the proposed date of outward journey b) 45 days before the proposed date of outward journey c) 60 days before the proposed date of outward journey d) 125 days before the proposed date of outward journey	
68	What is the rate of penal interest over the interest rate of GPF, in case of unutilized balance LTC advance recovered from the official? a) 3.5% b) 3% c) 2.5%	

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	d) 2%	
69	<p>When is Leave Not Due granted without Medical Certificate?</p> <p>a) In continuation of HPL b) In continuation of EL c) In continuation of Child Adoption Leave d) In continuation of EOL</p>	
70	<p>The new type of leave introduced by the 7th Pay Commission is:</p> <p>a) Work related Injury leave b) Work related Injury indispensable leave c) Work related Illness and Injury leave d) Work related Illness leave</p>	
71	<p>On promotion, how is pay normally fixed under FR 22(I)(a)(1)?</p> <p>a) Grant of one increment in the current level, then placement at the next higher cell in the promotional level b) Grant of two increments in the current level c) Direct placement in any cell of the higher level d) Fixation purely based on seniority</p>	
72	<p>In the QCBS method, the weight age of the technical parameters i.e. non-financial parameters in no case should exceed _____ percent</p> <p>a) 40% b) 50% c) 80% d) 70%</p>	
73	<p>What is the maximum monthly deputation (duty) allowance that can be granted?</p> <p>a) ₹5,000</p>	

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	<p>b) ₹7,000 c) ₹4,500 d) ₹9,000</p>	
74	<p>One provision of the New Labour Codes mandates that all workers must receive:</p> <p>a) Health insurance free of cost b) Appointment letters for employment c) Share options in the company d) Overtime exemption</p>	
75	<p>According to GFR Rule 197, “Non-Consulting Service” refers to services that:</p> <p>a) Provide expert advice requiring intellectual and professional skills b) Involve physical, measurable deliverables with identifiable performance standards, excluding goods or works c) Are limited only to works contracts such as construction d) Include only procurement of goods and equipment</p>	

ANSWER KEY

**FOR THE WRITTEN TEST CONDUCTED ON 14.12.2025 AT NIT GOA FOR THE
POST OF SENIOR ASSISTANT ADVERTISED AGAINST THE ADVERTISEMENT
NO. NITGOA/RECT/2025/OW/10 DATED 28.03.2025**

1	B	16	B	31	C	46	C	61	B
2	D	17	D	32	B	47	A	62	D
3	C	18	B	33	C	48	C	63	D
4	C	19	B	34	B	49	A	64	D
5	B	20	D	35	B	50	B	65	D
6	B	21	B	36	B	51	A	66	A
7	C	22	A	37	B	52	C	67	D
8	A	23	C	38	B	53	B	68	D
9	D	24	D	39	A	54	C	69	C
10	C	25	D	40	A	55	B	70	C
11	D	26	C	41	B	56	B	71	A
12	D	27	B	42	B	57	B	72	C
13	A	28	B	43	B	58	D	73	D
14	C	29	B	44	C	59	A	74	B
15	C	30	B	45	A	60	C	75	B

