



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)

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PAPER-I EXAMINATION

DATE: 27.07.2023 (THURSDAY)

QUESTION PAPER FOR THE POST OF SUPERINTENDENT (PAY LEVEL 06)

Maximum Marks: 75

Time: 90 Minutes

Name of Candidate: _____

Roll No: _____

INSTRUCTIONS TO CANDIDATES

1. This question paper has 75 questions. Each question carries one mark. There are four choices for answer (A, B, C, D) to each question. Choose the correct answer (one only) for each question and write the answer in the space provided against each question.
2. Candidate must write Name, Roll No. and sign on each page of this booklet.
3. The candidate should check that the booklet does not have any unprinted or torn or missing pages or questions etc. If so, get it replaced with another question paper, before question paper starts.
4. One (1) mark will be awarded for each correct answer. There will be no negative marking.
5. Return the Question Paper cum Answer Sheet to the invigilator after the examination is over.
6. **Mobile, Electronic Watch** and other **Electronic Gadgets** are prohibited in the examination.
7. There should not be any cutting or overwriting in the Answer.
8. Use of Unfair Means in Examination will lead to cancellation of candidature.

Signature of the candidate

Signature of the Invigilator

FOR OFFICE USE

Paper	Max. Marks	Marks Obtained
General	25	
Post Related	50	

Signature of the Evaluator

GENERAL SECTION

Q. No.	Question	Answer
1.	Simplify $586645 * 9999$ (A) 5865863355 (B) 5665863355 (C) 4865863355 (D) 4665863355	A
2.	Simplify $(212 * 212 + 312 * 312)$ (A) 132288 (B) 142088 (C) 142188 (D) 142288	D
3.	LCM of two numbers is 7700 and HCF is 11. If one number is 308 then the other number is (A) 269 (B) 285 (C) 300 (D) 275	D
4.	Which greatest possible length can be used to measure exactly 15 meter 75 cm, 11 meter 25 cm and 7 meter 65 cm? (A) 45 cm (B) 255 cm (C) 244 cm (D) 55 cm	A
5.	Find the greatest number which on dividing 1661 and 2045, leaves remainder of 10 and 13 respectively. (A) 125 (B) 127 (C) 129 (D) 131	B
6.	What is the difference between the biggest and smallest fractions among $\frac{2}{3}$, $\frac{3}{4}$, $\frac{4}{5}$ and $\frac{5}{6}$ (A) $\frac{2}{5}$ (B) $\frac{3}{5}$ (C) $\frac{1}{6}$ (D) $\frac{1}{7}$	C
7.	Find the value of X: $3889 + 12.952 - X = 3854.002$ (A) 47.95 (B) 44.95 (C) 43.95 (D) 40.95	A
8.	Company workers decided to raise Rs. 3 lakhs by an equal contribution from each. Had they contributed Rs. 50 each extra, the contribution would have been Rs. 3.25 lakhs. How many workers were they? (A) 300 (B) 400 (C) 500 (D) 600	C
9.	In a group of ducks and buffaloes, the total number of legs is 24 more than twice the number of heads. Find the total number of buffaloes. (A) 8 (B) 10 (C) 12 (D) 14	C
10.	What is the smallest number by which 3600 is divided to make it a perfect cube? (A) 450 (B) 445 (C) 440 (D) 430	A
11.	A shopkeeper fixes the marked price of an item 35% above its cost price. The percentage of discount allowed to gain 8% is (A) 18% (B) 20% (C) 22% (D) 24%	B

12.	A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C? (A) Rs. 300 (B) Rs. 400 (C) Rs. 500 (D) Rs. 600	B
13.	A thief is noticed by a policeman from a distance of 200 m. The thief starts running and the policeman chases him. The thief and the policeman run at the rate of 10 km and 11 km per hour respectively. What is the distance between them after 6 minutes? (A) 50 meter (B) 100 meter (C) 110 meter (D) None of these	B
14.	Amber: Yellow:: Caramine: ? (A) Red (B) Green (C) Voilet (D) Blue	A
15.	Foundation: Edifice :: Constitution: ? (A) Government (B) State (C) Nation (D) Cabinet	C
16.	Find analogous pair of Sound : Muffled (A) Moisture : Humid (B) Colour : Faded (C) Despair : Anger (D) Odour : Pungent	B
17.	<i>The sentence has been given in Active / Passive Voice. From the given alternatives, choose the one which best expresses the given sentence in Passive / Active Voice.</i> "Don't laugh at me." (A) Let me be laughed at. (B) Let me be not laughed at. (C) I am laughed at. (D) Let me be not laughed at.	B
18.	What is the meaning of 'Apple Pie Order' (A) In random order (B) Related to fruits packing (C) Related to dry fruit packing (D) In perfect order	D
19.	What do you understand by 'Call a spade a spade' (A) to disrespect (B) to say in anger (C) to speak plainly (D) to manipulate	C
20.	Out of the four alternatives suggested, select the one which best express the given sentence in indirect speech. She said, "Ugh! I have hated him." (A) She exclaimed with disgust that she had been hated him. (B) She exclaimed with disgust that she had hated him. (C) She exclaimed with sorrow that she had hated him. (D) She exclaimed with disgust that I had hated him.	B
21.	What can you replace the words in " " There are not many men who are so famous that they are frequently referred to by their "short names" only. (A) Pictures (B) middle names (C) initials (D) signatures	C

22.	<p>Find correct sequence of sentences:</p> <p>P: them to rely on nothing more than the text Q: to derive their answers R: this allows students to work free S: from distraction and forces</p> <p>(A) SRQP (B) RSPQ (C) PQRS (D) QPSR</p>	B
23.	<p>Four words are given as under, out of which only one word is correctly spelt. Find the correctly spelt word and mark your answer.</p> <p>(A) Survillance (B) Surveilance (C) Surveillance (D) Surveilance</p>	B
24.	<p>Jeopardy : Peril :: Jealousy : ?</p> <p>(A) Envy (B) Lust (C) Secure (D) Romance</p>	A
25.	<p>Which Union Ministry implements the 'One District-One Product (ODOP)' scheme?</p> <p>(A) Ministry of MSME (B) Ministry of Commerce and Industry (C) Ministry of Home Affairs (D) Ministry of Finance</p>	B

POST RELATED SECTION

Q. No.	Question	Answer
26.	<p>For the purpose of Sec 3-C of the CCS (Conduct) Rules, 1964, "sexual harassment" includes</p> <p>(A) unwelcome sexually determined behavior whether directly or otherwise (B) Physical contact or advances (C) Sexually colored remarks (D) All the above</p>	D
27.	<p>The following acts, conduct, and commissions of a Government servant will amount to misconduct:-</p> <p>(A) If the act or conduct is prejudicial to the interests of the master (B) If the act or conduct is consistent or compatible with the due or peaceful discharge of his duty to his master (C) If the act or conduct of a servant makes it safe for the employer to retain him in service (D) All of the above</p>	A
28.	<p>As per CCS (Conduct) Rules, mark the correct option.</p> <p>(A) No Govt. servant shall use his position or influence to secure employment for any member of his family in any company. (B) A Govt. servant shall, as soon as he becomes aware of the acceptance by a member of his family of employment in any company or firm, intimate such acceptance to the prescribed authority. (C) Both A & B (D) None of these</p> <p align="right"><small>Certified that this information/document is being provided under the Right to Information Act, 2005</small></p>	C
29.	<p>As per CCS (Conduct) Rules, strike includes:</p> <p>(A) Mass abstention from work without permission (B) Refusal to work overtime where such overtime work is necessary in the public interest (C) Stay-in with substantial retardation of the work (D) All of the above</p>	D
30.	<p>As per CCS (Conduct) Rules, unauthorized communication of information means and include:</p> <p>(A) To which he is not authorized to have access. (B) Which he is not authorized to keep in his personal custody (C) Both A & B (D) None of these</p>	C
31.	<p>All cases involving loss of Government money arising from irregular accounting of receipts will be reported to the_____.</p> <p>(A) Chief Controller of Accounts (B) Controller General of Accounts (C) Comptroller & Auditor General (D) Audit/Account Officer</p>	B
32.	<p>What is the maximum number of days in respect of EL / HPL that can be encashed by a Government servant appointed in an Industrial Establishment which is governed by the Factories, Act, 1948?</p> <p>(A) Nil (B) 240 days (C) 300 days (D) 300 + 15 days</p>	C

33.	When a Government servant applies for a specific kind of leave, the Leave Sanctioning Authority does not have the power to _____. (A) Sanction (B) Refuse (C) Revoke (D) Alter	D
34.	EL can be combined with (A) Casual Leave, Half Pay Leave, Maternity Leave (B) Study Leave, Casual Leave, Maternity Leave (C) Commuted Leave, Half Pay Leave, Maternity Leave (D) Casual Leave, Paternity Leave, Maternity Leave	C
35.	Absence by a Government servant after the expiry of leave shall be debited to his leave account as to the extent such leave is due. (A) Earned leave (B) Half pay leave (C) Leave not due (D) EOL	B
36.	Foreign Service means service in which a Government servant receives his pay with the sanction of the Government from? (A) Consolidated Fund of India (B) Consolidated Fund of a State (C) Consolidated Fund of a Union territory (D) Any source other than the above	D
37.	As per FR-8, the power of interpreting Fundamental Rules is reserved to? (A) Parliament (B) Ministry of Finance (C) President of India (D) Comptroller and Auditor General	C
38.	Dependency income criteria for inclusion in the family for Travelling Allowance shall be- (A) Minimum Family Pension plus Dearness Relief (B) Maximum Family Pension plus Dearness Relief (C) Minimum Family Pension plus (D) Minimum Pension	A
39.	Daily allowance is not admissible at tour station for a continuous halt beyond (A) 180 days (B) 30 days (C) 90 days (D) 240 days	A
40.	In cases where both husband and wife are Government Servants the quantum of Composite Transfer Grant admissible to a spouse who has been transferred within six months, but after 60 days of the transfer of the spouse transferred earlier would be- (A) 50% (B) 33 1/3 % (C) 25% (D) 40%	A
41.	In case of air travel maximum joining time available is: (A) 10 days (B) 12 days (C) 15 days (D) 7 days	B
42.	Child' under the definition of CCS (Pension) Rules, 1972 means? (i) son under 25 years of age (ii) daughter under 25 years of age (iii) unmarried daughter of any age (iv) unmarried daughter under 25 years of age (A) (i) and (ii) only (B) (i) and (iii) only (C) (i), (ii) and (iii) only (D) (i) and (iv) only	D

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43.	The appointing authority may, by order in writing, withhold or withdraw a pension or a part thereof, whether permanently or for a specified period under which circumstance? (A) If the pensioner is employed in a private firm having remuneration more than pension (B) if the pensioner is convicted of a serious crime or is found guilty of grave misconduct (C) if the pensioner is involved in some petty cases (D) if the pensioner is not looking after his family	B
44.	Who reserves the right to withhold or withdraw pension as per Rule 9 of CCS(Pension) Rules,1972? (A) Appointing Authority (B) Disciplinary Authority (C) Pension Disbursing Authority (D) President of India	D
45.	On receipt of the articles of charge, the Government servant shall be required to submit? (A) Documents which he proposes to submit (B) Written statement of defence (C) The date from which he is ready to attend the inquiry (D) All the above	B
46.	Who shall be deemed to be the inquiring authority appointed by the disciplinary authority, to inquire into a complaint of sexual harassment within the meaning of rule 3 C of the Central Civil Services (Conduct) Rules, 1964? (A) Internal Complaints Committee established for inquiring into such complaints (B) Head of the office (C) A Vigilance Committee of the Department (D) Disciplinary Authority himself	A
47.	Recruitment Rules for Non-Teaching staff of NITs were issued in 2019 based on the recommendations of (A) NITSER Council (B) BoGs of all NITs (C) Visitor (D) Over Sight Committee	D
48.	What is the essential requirement for the appointment of an Associate Professor? (A) Six years after PhD of which at least five years at the level of Assistant Professor with AGP of Rs. 8000/- (Level 12) with 20 Cumulative Essential Credit Points (B) Five years after PhD of which at least five years at the level of Assistant Professor with AGP of Rs. 8000/- (Level 12) with 20 Cumulative Essential Credit Points (C) Six years after PhD of which at least three years at the level of Assistant Professor with AGP of Rs. 8000/- (Level 12) with 20 Cumulative Essential Credit Points (D) Six years after PhD of which at least two years at the level of Assistant Professor with AGP of Rs. 8000/- (Level 12) with 20 Cumulative Essential Credit Points	C
49.	Who is the Visitor of NIT, Delhi? (A) Any person visiting the Institute (B) Director, IIT, Delhi	C

	(C) The President of India	(D) Minister of Education	
50.	As per NHA's recent announcement, CoWIN app is repurposed for which program?		D
	(A) PM Matru Vandana Yojana (C) PM Surakshit Matritva Abhiyan	(B) PM Swasthya Suraksha Yojana (D) Universal Immunization Program	
51.	An employee gets a promotion on 01.07.2017 and opted to fix his pay from the date of promotion. His DNIs will be		C
	(A) 01.07.2017 and then 01.01.2018 (C) 01.01.2018 and then 01.01.2019	(B) 01.01.2018 and then 01.07.2018 (D) 01.07.2018 and then 01.07.2019	
52.	The number of levels in the pay matrix w.e.f. 1.1.2016 for civilian employees is		D
	(A) 14	(B) 17	(C) 16
			(D) 18
53.	Who will appoint/designate the CPIO / PIO?		B
	(A) First Appellate Authority (C) Central Information Commission	(B) Head of Public Authority (D) Head of Office	
54.	Information that relates to personal information, the disclosure of which has no relationship to any public activity or interest can be denied under Section ____ of RTI Act.		D
	(A) 6(3)	(B) 8(1)(e)	(C) 5(4)
			(D) 8(1)(j)
55.	A candidate belonging to SC with disabilities is entitled to age relaxation of ____ years in direct recruitment.		C
	(A) 10	(B) 13	(C) 15
			(D) 05
56.	No. of days of HPL credited per year for vacation staff is		C
	(A) 10	(B) 20	(C) 0
			(D) 15
57.	If a retired govt employee is having a credit balance of 245 EL and 130 HPL as of the date of retirement, he will be paid ----- days of HPL encashment apart from EL encashment.		C
	(A) 130	(B) 110	(C) 55
			(D) 115
58.	Under Article 284 of the Constitution all moneys received by or deposited with any officer employed in connection with the affairs of the Union in his capacity as such, other than revenues or public moneys raised or received by the Government, shall be paid into the _____.		D
	(A) Departmental Account (C) Consolidated Fund of India	(B) Contingency Fund of India (D) Public Account	
59.	Standards of financial propriety have been referred to in the GFR under Rule _____.		A
	(A) 21	(B) 22	(C) 20
			(D) 19
60.	In National Pension System (NPS), PRA Stands for?		D
	(A) Pension Retirement Account	(B) Provident Retirement Account	

	(C) Pension Recurring Account	(D) Permanent Retirement Account		
61.	Which of the following has been appointed as a Custodian for providing custodial services to the NPS?		B	
	(A) RBI	(B) SHCIL	(C) ARCIL	(D) NSDL
62.	What is the maximum period of debarment of a bidder under section 151 (i) of GFR?		A	
	(A) Three years	(B) Two years	(C) Five years	(D) Four years
63.	Purchase of goods on each occasion may be made on the recommendations of a duly constituted Local Purchase Committee costing		D	
	(A) above Rs. 10,000 up to Rs.1,00,000/- (B) above Rs. 15,000 up to Rs.1,50,000/- (C) above Rs. 25,000 up to Rs.1,50,000/- (D) above Rs. 25,000 up to Rs.2,50,000/-			
64.	Which Rule in GFR speaks about transparency, competition, fairness and elimination of arbitrariness in the procurement process?		B	
	(A) Rule 174	(B) Rule 173	(C) Rule 175 (1)	(D) Rule 175 (2)
65.	What is the online Complaint Management System for lodging complaints related to sexual harassment of women at the workplace?		A	
	(A) SHe-Box	(B) CPGRAMS	(C) RTI	(D) ICC
66.	What is a Group A post under the Central Government?		D	
	(A) A Post carrying the pay in the Pay Matrix at the Level from 11 to 18. (B) A Post carrying the pay in the Pay Matrix at the Level from 10 to 17. (C) A Post carrying the pay in the Pay Matrix at the Level from 9 to 18. (D) A Post carrying the pay in the Pay Matrix at the Level from 10 to 18.			
67.	What is the time limit for concluding the major penalty proceedings?		B	
	(A) 3 months	(B) 6 months	(C) 12 months	(D) 18 months
68.	Under which provisions of the Rules, a government servant can be pre-maturely retired?		C	
	(A) CCS (CCA) Rules	(B) CCS (Conduct) Rules	(C) Fundamental Rules & Pension Rules	(D) Pension Rules
69.	Under the CCS (Conduct) Rules, 1964, an employee has to report every transaction concerning movable property either in his own name or in the name of his family members, within one month from the date of such transaction, if the value of the transaction exceeds		B	
	(A) Rs. 25,000	(B) one-month basic pay	(C) Two month's basic pay	(D) Rs. 50,000

70.	Which of the following amounts to misconduct, on account of lack of integrity? (A) Non-submission of LTC bill, even after three months (B) Non-production of LTC tickets, within 10 days from the date of drawal of LTC Advance (C) Booking LTC tickets through MakeMyTrip (D) Submission of claim for his 24-year-old employed son.	D
71.	Which of the following is not within the powers of the NITs, under NITSER Act, 2007? (A) To confer honorary degrees or other distinctions. (B) To fix, demand and receive fees and other charges. (C) To appoint the Director of the Institute. (D) To provide for the maintenance of units of the NCC for the students of the Institute	C
72.	Who is competent to approve dispose of any immovable property of the Institute? (A) Director of the Institute (B) Chairman, BoG (C) BoG (D) Central Government	D
73.	A proposal for approval of the Director is put up in the form of (A) Draft (B) Note (C) Letter (D) OM <small>information/document is being provided under information Act. 2005</small>	B
74.	Paper under Consideration (PUC) refers to (A) Noting (B) Draft (C) Receipt pertaining to a case (D) Order	C
75.	Process of identifying a document, decision and facts mentioned in a note, draft or office copy of communication is known as (A) Docketing (B) Referencing (C) Filing (D) Recording	B