

**Question Paper for the post of Junior Superintendent**

(Staff Recruitment Advt. No.: IITDh/Admin/SR/40/2025-26 dated 14th November 2025)

<b>Name:</b>		<b>Application ID:</b>	
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**General Instructions:**

Please read the following instructions carefully:

1. This test booklet contains 20 pages. Immediately after the commencement of the examination, you should check that this test booklet does not have any unprinted or torn or missing pages or items etc. If so, get it replaced.
2. This test booklet contains 102 questions [100 MCQs. Each MCQ carries 1 mark & 2 Descriptive questions.] Each MCQ comprises four answers. You will select the answers which you want to mark on the answer sheet i.e., OMR. A separate answer booklet will be provided for answering the descriptive questions.
3. You have to mark only one answer otherwise it will be counted as a wrong answer.
4. 0.25 mark will be deducted for each wrong answer in MCQs.
5. Use blue/black ink ball point pen for darkening the circles on the OMR answer sheet only. Do not use Pencil.
6. Folding, wrinkling or putting any unwanted mark or damaging the OMR answer sheet is prohibited. The candidate will be responsible for the invalidation of the OMR answer sheet by doing such deeds.
7. Any kind of electronic devices, including smart watches, mobiles, calculators, and/or any paper chits, letters or printouts are not allowed inside the examination hall.
8. You have to hand-over the answered OMR sheet, answer booklet, and the test booklet to the invigilator after the examination.
9. Duration of the exam [Part A & B] is 120 minutes.

**Declaration by the candidate:** I have read and understood the above instructions. I will agree to abide by the rules of the examination and further instructions, if any.

**Signature:**



## Part A

**Directions:** In Question 1 to 3, you have to choose the correct **Synonym**. In each of the following questions, words are given with four alternatives suggested for each question. Choose the correct **Synonyms** given and indicate your choice for the correct answer.

1. Feasible  
A. Practical  
B. Rejoice  
C. Accentuate  
D. Accurate
2. Outspoken  
A. Reserved  
B. Candid  
C. Laconic  
D. Quiet
3. Inadvertent  
A. Ignorant  
B. Unexpected  
C. Unintentional  
D. Undisturbed

**Directions:** In question 4 to 6, some parts of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option.

4. My uncle said that (A) / he would reach to (B) / the bus stand with all his (C) / belongings within an hour. (D)  
  
A. My uncle said that  
B. he would reach to  
C. the bus stand with all his  
D. belongings within an hour
5. At the age of twenty, (A) / he became Bollywood's (B) / one of the most (C) / sought actors. (D)  
  
A. At the age of twenty  
B. he became Bollywood's  
C. one of the most  
D. sought actors
6. To an insurance company, (A) / the law relating to (B) / the principles of subrogation and (C) / contribution are of great importance. (D)

- A. To an insurance company,
- B. the law relating to
- C. the principles of subrogation and
- D. contribution are of great importance

**Direction: In question no. 7 to 10, select the one that best expressed the same sentence with a missing preposition**

7. The doctor gave me a prescription \_\_\_\_\_ my cough.
- A. for
  - B. with
  - C. at
  - D. to
8. He gave a talk \_\_\_\_\_ the causes of dengue fever.
- A. of
  - B. on
  - C. for
  - D. off
9. Nowadays Rekha studies \_\_\_\_\_ the day.
- A. with
  - B. from
  - C. throughout
  - D. under
10. After a long discussion, I prevailed \_\_\_\_\_ him to accept the proposal.
- A. upon
  - B. against
  - C. to
  - D. above

**Direction: In the question 11 to 13, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expressed the same sentence in Passive/Active Voice and mark your answer.**

11. The boys were playing cricket.
- A. Cricket had been played by the boys.
  - B. Cricket has been played by the boys.
  - C. Cricket was played by the boys.
  - D. Cricket was being played by the boys.

12. They drew a circle in the morning.
- A. A circle was being drawn by them in the morning.
  - B. A circle was drawn by them in the morning.
  - C. In the morning a circle have been drawn by them.
  - D. A circle has been drawing since morning.
13. They will demolish the entire block.
- A. The entire block is being demolished.
  - B. The block may be demolished entirely.
  - C. The entire block will have to be demolished by them.
  - D. The entire block will be demolished.

**Directions:** In question 14 to 16, you have to choose the correct **Antonym**

14. Liberty.
- A. Refusal.
  - B. Dependence.
  - C. Autarchy
  - D. Incarceration.
15. Zenith
- A. Cherish
  - B. Nadir
  - C. Cheer
  - D. Peak
16. Bafflement
- A. Confusion
  - B. Pleasure
  - C. Clarity
  - D. Cleanliness

**Directions:** In question no. 17 to 20, choose the alternative which best expresses the meaning of the Idiom/Phrase

17. From stem to stern
- A. all the way from the front of a ship to the back
  - B. from the beginning to the end
  - C. top of a plant to its roots.
  - D. loose pleasantness to become strict
18. Turn over a new leaf
- A. change one's behaviour for the better

- B. read between the pages of a book.
  - C. do a somersault
  - D. do a new job.
19. to smell a rat
- A. to be suspicious
  - B. to chase a rat
  - C. to see a rat
  - D. to smell foul
20. to move heaven and earth
- A. to cause an earthquake
  - B. to try everything possible
  - C. to pray to all Gods
  - D. to travel in a rocket

**Directions:** In question no. 21 to 23, in the given number series choose the alternative which comes in place of (?)

21. 353, 354, 351, 356, 349, ?
- A. 348
  - B. 358
  - C. 338
  - D. 385
22. 600, 519, ?, 406, 370, 345, 329
- A. 435
  - B. 455
  - C. 425
  - D. 445
23. 4, 19, 49, 94, 154, ?
- A. 223
  - B. 225
  - C. 229

D. 239

24. If in a certain language, PENSION is coded as NEISNOP, how will FOLIAGE be coded in that code?

- A. OFILGAE
- B. EOAILGF
- C. FGLIAOE
- D. EGAILOF

25. If PLANE is coded as OKZMD in a certain language, how will TRAIN be coded?

- A. SQZHM
- B. UQBHO
- C. SQZJM
- D. USBJM

Direction: From question no.26 to 28, choose the correct answer from the given alternatives

26. Combustion : Oxygen :: Photosynthesis : ?

- A. Sulphur
- B. Oxygen
- C. Carbon
- D. Sunlight

27. Pesticide : Crop :: Antiseptic : ?

- A. Wound
- B. Clotting
- C. Bandage

D. Bleeding

28. Atom : Matter :: Particle : ?

A. Proton

B. Electron

C. Molecule

D. Dust

Direction: From question no.24 and 25, fill in the blank from the given alternatives

29. DFH, HJL, LNP, \_\_, TVX

A. DTV

B. NRT

C. RQS

D. PRT

30. ACE, GIK, MOQ, \_\_, UYK

A. ACG

B. WSK

C. EIS

D. OPS

31. The product of 5% of a positive number and 2% of the same number is 211.6. What is half of that number?

A. 230

B. 460

C. 920

D. 115

32. Nandita scored 80% marks in five subjects together viz Hindi, Science, Maths, English and Sanskrit, where in the maximum marks of each subject were 105. How many marks did Nandita score in science if she scored 89 marks in Hindi, 92 marks in Sanskrit, 98 marks in Maths and 81 marks in English?

- A. 60
- B. 75
- C. 65
- D. 70

33. Niraj incurred a loss of 55 percent on selling an article for ₹ 9,549. What was the cost price of the article?

- A. ₹ 27,700
- B. ₹ 25,600
- C. ₹ 21,220
- D. ₹ 29,000

34. A certain number of capsules were purchased for ₹ 21,615 more capsules could have been purchased in the same amount if each capsule was cheaper by ₹ 10. What was the number of capsules purchased?

- A. 6
- B. 14
- C. 8
- D. 12

35. Pure milk costs ₹ 16 per litre. After adding water, the milkman sells the mixture ₹ 15 per litre and thereby makes a profit of 25%. In what respective ratio does he mix milk with water?

- A. 3 : 1
- B. 4 : 3
- C. 3 : 2
- D. 5 : 3

36. Number of students studying in colleges *A* and *B* are in the ratio of 3 : 4 respectively. If 50 more students join college *A* and there is no change in the number of students in college *B*, the respective ratio becomes 5 : 6. What is the number of students in college *B* ?

- A. 450
- B. 500
- C. 400
- D. 600

37. 729 ml of a mixture contains milk and water in the ratio 7 : 2. How much more water is to be added to get a new mixture containing milk and water in the ratio 7 : 3 ?

- A. 60 ml
- B. 71 ml
- C. 52 ml
- D. 81 ml

38. A man said to a woman, "Your mother's husband's sister is my aunt". How is the woman related to the man?

- A. Granddaughter
- B. Daughter
- C. Sister
- D. Aunt

39. Introducing Rajesh, Neha said, "His brother's father is the only son of my grandfather". How is Neha related to Rajesh?

- A. Sister
- B. Daughter
- C. Mother
- D. Niece

40. A man said to a woman, "Your brother's only sister is my mother". What is the relation of the woman with the maternal grandmother of that man?

- A. Mother
- B. Sister
- C. Niece
- D. Daughter

41. Arun is sending an e-mail to his office. Which protocol out of the following options will be used for the purpose

- A. FTP
- B. HTTP
- C. SMTP
- D. SCP

42. Select the correct option to fill in the blank

A ..... is an online platform or website where individuals or businesses regularly publish articles/journals, known as posts, on various topics.

- A. Browser
- B. Blog
- C. News Group
- D. Web Server

43. Which of the following is not a search engine available over the Internet?

- A. Google
- B. Bing
- C. Diksha
- D. Yahoo

44. A website is a collection of .....

- A. HTML documents
- B. Graphic files
- C. audio and video files
- D. all the above

45. HTML is an acronym for .....
- A. Hyper Transfer Mail Language
  - B. High Tech Mail Language
  - C. Hyper Text Markup Language
  - D. Hyper Tech Mail Language
46. The first page on a website that allows you to navigate to other pages via menu system or links, is known as .....
- A. front page
  - B. primary page
  - C. home page
  - D. first page
47. Which protocol is used on most URL addresses?
- A. HTML
  - B. HTP
  - C. HTTP
  - D. HLINK
48. Which of these is not a part of URL?
- A. IP address
  - B. Port Number
  - C. Domain Name
  - D. None of these
49. Which portion of the URL below records the directory or folder of the desired resource?
- <http://www.somestore.com/firstfloor/shoes.htm>
- A. http
  - B. firstfloor
  - C. shoes.htm
  - D. www.somestore.com
50. A coded HTML command that indicates how part of a web page is displayed is called .....
- A. Attribute
  - B. Tag
  - C. Style
  - D. All of these

51. The tags that require a starting as well as an ending tag are called .....
- A. Pair Element
  - B. Twin Element
  - C. Container Element
  - D. Empty Element
52. To define the basic font size, which of following tag is used?
- A. SIZE
  - B. BASEFONT
  - C. FONT
  - D. All of these
53. Factors that affect how an HTML document looks on the monitor do not include:
- A. operating system
  - B. window size
  - C. color depth
  - D. html tags
54. Which of these is NOT an attribute of the font tag?
- A. color
  - B. face
  - C. type
  - D. size
55. Policies of companies related to protection of personal information of users online are meant to safeguard ..... of users.
- A. Safety
  - B. Security
  - C. Privacy
  - D. Well being
56. Using someone else's twitter handle to post something, will be termed as:
- A. Fraud
  - B. Identity theft
  - C. Online stealing
  - D. Violation

57. A ..... is an economic and social inequality with regard to access to, use of, or impact of ICT.
- A. Digital inequality
  - B. Difference of services
  - C. Digital divide
  - D. Differential divide
58. Which of the following techniques can be used for security of data?
- A. Authentication
  - B. Authorisation
  - C. Encryption
  - D. All of the Above
59. Which of the following is NOT an example of Intellectual Property rights?
- A. Patent
  - B. Trademark
  - C. Password
  - D. Industrial Design
60. Which of these is NOT an example of Cyber bullying?
- A. Copying a classmate's personal photo against his/her permission from his social media account and sending it to other friends on their emails
  - B. Bullying a classmate in the school corridor
  - C. Threatening someone on WhatsApp
  - D. Posting mean messages about someone on their social media
61. The Fundamental Rules came into force with effect from
- A. 1.1.1921
  - B. 1.4.1922
  - C. 1.1.1922
  - D. 1.1.1920
62. Duty includes the period of
- A. Training
  - B. Service not verified
  - C. Unauthorised leave
  - D. Break in service

63. A tenure post is a
- A. Ad hoc post
  - B. Permanent post
  - C. Temporary post
  - D. Ex-cadre post
64. Wilful absence from duty is treated as dies non for the purpose of
- A. increment
  - B. leave
  - C. pension
  - D. all of the above
65. Substantive pay means pay other than
- A. Special pay
  - B. Personal pay
  - C. Emoluments classed as pay
  - D. all of the above
66. Monthly grant made to a government servant who is not in receipt of pay or leave salary is
- A. Personal grant
  - B. Subsistence grant
  - C. Grant in aid
  - D. Substantive grant
67. An authority competent to create a post, may grant advance increment to an employee in terms of
- A. FR 24
  - B. FR 27
  - C. FR 26
  - D. FR 22

68. In case of transfer from one post to another, TA entitlement shall be determined on the basis of pay of
- A. old post
  - B. new post
  - C. lower of the two grades
  - D. none of the above
69. For the purpose of TA on transfer, family must perform the journey not later than
- A. one month after the transfer
  - B. 3 months after the transfer
  - C. 6 months after the transfer
  - D. none of the above
70. A government servant's right to claim TA except in case of retirement is deemed to have relinquished if it is not made within
- A. 15 days
  - B. 30 days
  - C. 60 days
  - D. one year
71. In case of air travel maximum joining time available is
- A. 10 days
  - B. 12 days
  - C. 15 days
  - D. 7 days
72. LTC can not be availed during
- A. any regular leave
  - B. casual leave
  - C. special casual leave
  - D. Holidays

73. LTC advance can be availed up to \_\_\_\_\_% of the fare
- A. 75%
  - B. 90%
  - C. 80%
  - D. 100%
74. Leave may not be granted to a government servant
- A. On suspension
  - B. on transfer
  - C. On LTC.
  - D. None of the above.
75. Earned leave cannot be prefixed or suffixed with
- A. Maternity leave
  - B. Casual leave
  - C. Holidays
  - D. Extraordinary leave
76. commuted leave can be granted without medical certificate to a female employee on adoption of a child for a period up to.
- A. 60 days.
  - B. 90 days.
  - C. 120 days.
  - D. 180 days.
77. total period of leave, including extraordinary leave, shall not exceed.
- A. Three years.
  - B. Four years.
  - C. Five years.
  - D. Six years.
78. Following leave may be availed in continuation of maternity leave.

- A. Commuted leave up to 60 days.
  - B. Leave not due.
  - C. Leave of any kind due and admissible.
  - D. All of the above up to a maximum of two years.
79. Following leaves may be availed in continuation of childcare leave.
- A. commuted leave up to 60 days.
  - B. Leave not due.
  - C. Leave of any kind due and admissible.
  - D. All of the above up to a maximum of one year.
80. Paternity leave is admissible for a maximum period of.
- A. 10 days.
  - B. 15 days.
  - C. 30 days.
  - D. 60 days.
81. Casual leave can be combined with.
- A. Earned leave and half pay leave.
  - B. Special disability leave and hospital leave.
  - C. Maternity leave and childcare leave.
  - D. Vacation and special casual leave.
82. in case of a disabled child, childcare leave will be allowed up to the child's age of
- A. 18 years.
  - B. 22 years.
  - C. Irrespective of the age.
  - D. none of the above.
83. which of the following is not a penalty?
- A. Warning.

- B. Censure
  - C. Withholding of increment.
  - D. None of the above.
84. An expenditure which is incurred at periodical intervals is a
- A. revenue expenditure.
  - B. Recurring expenditure.
  - C. Non-recurring expenditure.
  - D. Capital expenditure.
85. As per rule seven of GFR 2017, all money is received by or on behalf of the government should be brought into government account.
- A. The same day.
  - B. By the next day.
  - C. Within seven days.
  - D. Without delay.
86. Rule 22 of GFR deals with.
- A. Delegation of financial powers.
  - B. Standards of financial propriety.
  - C. Expenditure from public funds.
  - D. Consultation with financial advisor.
87. Any loss or shortage of public money is departmental revenue or receipts, stores or other property held by or on behalf of government shall be immediately reported to
- A. The next higher Authority.
  - B. The statutory audit officer.
  - C. The concerned principal accounts officer.
  - D. All of the above.
88. Original Works does not include.
- A. All new constructions.

- B. Addition and alteration to existing works.
  - C. Special repairs to newly purchased or previously abundant buildings.
  - D. Works undertaken to maintain building and fixtures.
89. A ministry or department at its discretion may directly execute Repair Works estimated to cost up to.
- A. ₹10,00,000.
  - B. ₹20,00,000.
  - C. ₹30,00,000.
  - D. ₹40,00,000.
90. To cover expenditure for the period intervening the presentation and passing of the budget, the finance ministry is required to obtain.
- A. A vote on account.
  - B. A demand for grant.
  - C. A special sanction of the President.
  - D. None of the above.
91. advertised tender enquiry should be used for procurement of goods of estimated value.
- A. ₹10,00,000 and above.
  - B. ₹15,00,000 and above.
  - C. ₹20,00,000 and above.
  - D. ₹25,00,000 and above.
92. The advertisement for invitation of tenders should be given in.
- A. CPP portal.
  - B. Government E marketplace.
  - C. Website of the organisation.
  - D. All of the above
93. In a limited tender enquiry, the number of supplier firms should be.
- A. Minimum three.

- B. Maximum three.
  - C. Minimum five.
  - D. Maximum five.
94. For procurement of goods through single tender enquiry, except in case of emergency, the ministry/department shall provide
- A. The proprietary article certificate.
  - B. The emergency certificate.
  - C. The urgent requirement certificate.
  - D. The utilisation certificate.
95. Bid security may be accepted in the form of.
- A. Account Payee demand draft.
  - B. Fix deposit receipt.
  - C. Bank guarantee from a commercial bank.
  - D. Any of the above
96. Bid security normally remains valid for a period of – – beyond the final bid validity period
- A. 15 days.
  - B. 30 days
  - C. 45 days.
  - D. 60 days.
97. Advance payment to a private firm should not exceed.
- A. 10% of the contract value.
  - B. 30% of the contract value.
  - C. 40% of the contract value.
  - D. 50% of the contract value.
98. The following is not a public works organisation.
- A. CPWD.
  - B. Military engineering Service.

- C. Indian buildings Congress.
- D. Border Roads Organisation
99. according to GFR goods does not include.
- A. Articles, material and commodities.
- B. Livestock.
- C. Furniture, fixtures, raw materials, spares, and instruments.
- D. Books, publications, and periodical.
100. Registered suppliers are approved for.
- A. A fixed period of one year.
- B. A fixed period of three years.
- C. A fixed period between 1 to 3 years, depending on nature of goods.
- D. All Times to come.

#### **PART B**

Q1. Prepare a draft DO letter from Superintendent (Establishment) addressing the Deputy Registrar (Establishment), IIT Dharwad, proposing implementation of guidelines for DPC to be held in the Institute this year. (15 marks)

Q2. A new Chairperson of Board of Governors of IIT Dharwad has been appointed in terms of the provisions contained in the statute. You are required to notify the same on behalf of the concerned department. (15 marks)

**Note:** Q. Nos. 89 & 91 have been dropped, and one mark will be awarded to all the candidates.