

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

WRITTEN EXAMINATION

JUNIOR SUPERINTENDENT

Date of the Examination: 17/11/2023

Maximum Marks: 70

Time: 90 Minutes

Name of Candidate: _____

Roll No.: _____

INSTRUCTIONS TO CANDIDATES

1. This question paper has 70 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 mark it on the Optical Response Sheet (**ORS**).
2. Read the instructions given in the ORS sheet carefully.
3. Use a Black/Blue ball point pen only to fill the ORS Sheet.
4. 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.
5. While marking your answer on the ORS Sheet fully darken the circle.
6. One (1) mark will be awarded for each correct answer and each incorrect answer and unanswered questions will not attract marks. There is no negative marking.
7. Return the ORS Sheet and the question paper to the invigilator after the examination is over.
8. Mobile, Electronic Watch and other Electronic Gadgets are prohibited in the examination.
9. Use of Unfair Means in Examination will lead to cancellation of candidature.

Signature of the candidate: _____

<Good Luck>

1. Identify the error (if any) in the sentence given below:

Please write your name on top of the answer script.

- A. Please write your name
- B. on top of
- C. the answer script
- D. No error

2. Identify the error (if any) in the sentence given below:

The condolence messages received on the death of Mrs. Mahesh speaks highly of her greatness.

- A. The condolence messages
- B. received on the death of Mrs. Mahesh
- C. speaks highly of her greatness
- D. No error

3. In the following question, choose the one which best expresses the meaning of the given word.

ENCUMBRANCE

- A. Incentive
- B. Stimulant
- C. Impediment
- D. Inducement

4. In the following question, choose the word opposite in meaning to the given word.

JITTERY

- A. Shaky
- B. Boldness
- C. Piecemeal
- D. Profuse

5. In the following question, pick out the most effective word from the given choices to fill in the blank to make the sentence meaningfully correct.

Irregular supply of electricity can in wastage of electricity.

- A. cause
- B. affect
- C. effect
- D. result

6. In the following question, a sentence has been given in Active/Passive voice. Out of the four alternatives given, choose the one which best expresses the same sentence in Passive/Active voice.

I saw him leaving the house.

- A. He had been seen leaving the house.
- B. He was seen to be leaving the house.
- C. Leaving the house he was seen by me.
- D. He was seen leaving the house by me.

7. In the following question, a sentence has been given in Direct/Indirect Speech. Out of the four alternatives given, choose the one which best expresses the same sentence in Indirect/Direct Speech.

He said to her, "Don't read so fast."

- A. He told her not to read so fast.
- B. He advised her don't read so fast.
- C. He requested her not to read so fast.
- D. He ordered her not to read so fast.

8. Choose the most suitable 'one word' for the following phrase/expression.

One who loves books.

- A. Bibliophobe
- B. Bibliographer
- C. Bibliophile
- D. Bhbliophagist

9. When was the third battle of Panipat fought?
A. 1526 B. 1556 C. 1628 D. 1761
10. In which place can one find Sphinx?
A. Giza B. Cairo C. Alexandria D. Athens
11. Where is Mehrangarh fort situated?
A. Gwalior B. Hyderabad C. Agra D. Jodhpur
12. How many IITs are in India at present?
A. 23 B. 21 C. 16 D. 25
13. The present Principal Scientific Advisor to the Government of India?
A. Prof. C N R Rao
B. Dr. S Somanath
C. Prof. A K Sood
D. Dr. R. Chidambaram
14. Who won the Nobel prize for peace for the year 2023?
A. Narges Mohammadi B. Ales Bialiatski C. Jon Fosse D. Annie Ernaux
15. In which year Vasco da Gama arrived in the western coastal region of India?
A. 1900 B. 1498 C. 1499 D. 1450
16. A tailor has 37.5 meters of cloth and he has to make 8 pieces out of a meter of cloth. How many pieces can be made out of this cloth?
A. 320 B. 360 C. 400 D. None of these
17. Ganeshi's monthly income is twice of Jassi's monthly income. Two-third of Jassi's monthly income is equal to Sukhvinder's monthly income. If Sukhvinder's annual income is Rs. 2.34 lakhs, what is Ganeshi's monthly income?
A. Rs. 14625 B. Rs. 29250 C. Rs. 28230 D. Rs. 58500
18. Some students planned a picnic. The budget for food was Rs. 500. But, 5 of them failed to go and thus the cost of food for each member increased by Rs. 5. How many students attended picnic?
A. 15 B. 20 C. 25 D. 30
19. The average of five numbers is 58. The average of the first two numbers is 48.5 and the average of last two numbers is 53.5. What is the third number?
A. 86 B. 76 C. 80 D. 70
20. Five years ago, the average age of A,B,C and D was 45 years. By including X in the present lot, their present average age changes to 49 years. What is the present age of X?
A. 40 Years B. 45 Years C. 49 Years D. 48 Years
21. The difference of two numbers is 20% of the larger number. If the smaller number is 12, the larger one is?
A. 15 B. 16 C. 18 D. 20

22. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C be 27, the how old is B?

- A. 7 B. 8 C. 10 D. 9

23. $(550\% \text{ of } 250) \div 275 = ?$

- A. 15 B. 0.5 C. 1.5 D. None of these

24. A shop gives 10% discount on the purchase of an item. If paid for in cash immediately, a further discount of 12% is given. If the original price of the item is Rs. 250, what is the price of the article if a cash purchase is made?

- A. Rs. 190 B. Rs. 195 C. Rs. 198 D. Rs. 200

25. Seema and Meena divide a sum of Rs. 25000 in the ratio of 3 : 2 respectively. If Rs 5000 is added to each of their shares, what would be new ratio formed?

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

26. Select the letter-cluster that can replace the question mark (?) in the following series.

KQG, JTK, HXO, ECS, ?

- A. BIV B. AIW C. AHW D. BIX

27. In the following question, there is a certain relationship between two given words on one side of : : and one word is given on another side of : while another word is to be found from the given alternatives.

Thunder : Rain : : ? : Night

- A. Evening B. Dark C. Day D. Dusk

28. In the following question consist of two words each that have a certain relationship to each other, followed by four lettered pairs of words. Select the lettered pair that has the same relationship as the original pair of words printed in bold.

Traveller : Destination

- A. Beggar : Donation B. Accident : Hospital
C. Teacher : Education D. Refugee : Shelter

29. In the following question, four words have been given out of which three are alike in some manner, while the one is different. Choose out the odd one?

- A. Inch B. Foot C. Quart D. Yard

30. A is father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?

- A. Daughter B. Brother-in-law C. Husband D. Sister-in-law

31. PFMS means

- a. Public Financial Management Service b. Public Finance Marketing System
c. Portal for Monetary System d. Provision for Money Service

32. Who is the federal Audit of India?

- a. CVC b. CBI c. CVO d. CAG

33. Standards of Financial Propriety is defined in which rule of the GFR, 2017 defines.
a. 20 b. 21 c. 22 d. 23

34. The limits of Direct Purchase in GeM is upto
a. 25,000/- b. 30,000/- c. 40,000/- d. 50,000/-

35. Money bill is presented only in
a. Rajya Sabha b. Lok Sabha
c. Any House of the Parliament d. In the Cabinet meeting of Economic Affairs

36. Right to Information is a fundamental Right as per which article of the Constitution of India
a. Article 18 b. Article 19 c. Article 20 d. Article 21

37. A,B,C analysis of Inventory in Store is based on
a. Value of the stock b. Volume of the stock
c. Both value and volume of the Stock d. None of the above

38. Note in a GOI office is
a. A currency note issued by the RBI
b. A proposal placed for decision on a case under consideration.
c. A form of communication to be sent with approval.
d. A letter received in the office for release of payment in Indian currency

39. As per GoI rules, what is the minimum amount of invalid pension
a. Half of the normal rate of family pension
b. Not less than the normal rate of family pension
c. Double of the normal rate of family pension
d. Less than the normal rate of family pension

40. Can a person claim the benefits of SC category because he or she has married a person belonging to the category:
a. Yes b. No. c. Can be considered d. Can be considered for one time only

41. What is the acceptable date for enrolment into Group Insurance Scheme
a. 01st January every year b. 01st July every year
c. Any working date during the year d. 31st December every year

42. RE and BE in financial terms stand for
a. Revised Estimates and the Budget Estimates
b. Return Estimates and Beginning estimates.
c. Recurring estimates and Beginning estimates.
d. Revised expenditure and Base expenditure

43. As per the GFR, 2017, a minor Work means.
a. Works that results in Asset creation
b. Works that add capital value to existing Assets
c. Purchase of Goods

d. Hiring of Services

44. GST is a
a. Direct Tax b. Indirect Tax c. Property Tax d. Derived Tax
45. A scientific equipment imported by IIT Ropar is subjected to
a. Customs duty b. Income tax c. Goods and Service Tax d. No Tax
46. In case of an abortion a woman employee can avails how many days of Maternity leave
a. 45 days b. 60 days c. 90 days d. 100 days
47. Article 110 in the Constitution deals with:
a. Money Bill b. Factory Act bill
c. Child Labour abolition bill d. Women safety in Workplace bill
48. From the followings, identify the person not eligible to claim family pension
(a) Unmarried or widowed or divorced daughter (b) Disabled siblings
(c) Childless widow (d) Unmarried son, aged 30 years
49. Which is not a punishment under disciplinary proceedings?
(a) Censure. (b) Termination.
(c) Suspension. (d) Withholding of increments for one year.
50. From which date is the MACPS effective?
(a) From 1-1-2006 (b) From 1-1-2008
(c) From 1-9-2008 (d) From 1-7-2008
51. Which Article of the Constitution of India defines the Form of Accounts:
a. Article 150 b. Article 151 c. Article 152 d. Article 153
52. The method of Limited Tendering Enquiry is adopted when the estimated value is
a. Upto INR 25, 00,000/- b. Above INR 25,00,000/-
c. Upto INR 2,50,000/- d. Below INR 2,50,000/-
53. FIFO is an Inventory control method which means.
a. First In First Out b. First in Fraud Out
c. Flow in Frost Out d. Find in Flood Out
54. Electronic Reverse Auction (ERA) is a
a. Realtime purchasing technique that involves successive bidding.
b. Realtime technique for disposal of scrap
c. Realtime purchasing technique of one-time secret bidding.
d. Realtime technique for hiring electronic goods.
55. How many Pay slabs are available in the Pay Matrix of 7 CPC
a. 15 b. 16 c. 17 d. 18
56. The merger of Plan and Non-Plan expenditure in the Union budget has taken place in the Budget of

a. 2017-18

b. 2018-19

c. 2019-20

d. 2020-21

57. Retirement Gratuity is calculated for an employee with 33 years or more of qualifying service is

a. Pay + DA X 1 X 66

b. Pay + DA X 2 X 66

c. Pay + DA X $\frac{1}{2}$ X 66

d. Pay + DA X $\frac{1}{4}$ X 66

58. DAK in a GOI office includes.

a. All type of written communications received whether by post or otherwise.

b. All type of communications received by post

c. All type of written communications received by the Section Officer and marked for necessary action.

d. Applications received by any office for recruitment.

59. All contracts are signed and executed on behalf of the Honorable President of India as per which provision of the Constitution.

a. Article 117

b. Article 118

c. Article 119

d. Article 120

60. WRIL means.

a. Work Related Illness and Injury Leave

b. Work Related Ignorance and Injury Law

c. Workshop rules on Injury and

d. Workmanship related Instruction

61. Donations for charitable purposes are divided into how many categories

a. Two

b. three

c. four

d. Five

62. What is the normal period for submission of written reply by a government employee in case an article of charges is issued?

a. 07 days

b. 28 days

c. 15 days

d. 21 days

63. During the period of absence from duty, which is treated as Dies Non, can a government employee claim for CEA:

a. Not eligible

b. Eligible for 50%

c. Eligible for 100%

d. Eligible for 75%

64. The amount received as Leave Salary is taxable in case:

a. If received at the time of retirement

b. If received during service period

c. If received after removal from service

d. If received after reappointment

65. What is the period of validity for a private hospital recognized under the CS(MA) rules

a. One year

b. Two years

c. Three Years

d. Four years

66. Non-Practicing Allowance (NPA) for Central Health Service Officers shall be

a. 10% of Basic pay subject to the total of Basic and NPA shall not be above Rs. 2,37,500/-

b. 15% of Basic pay subject to the total of Basic and NPA shall not be above Rs. 2,37,500/-

c. 20% of Basic pay subject to the total of Basic and NPA shall not be above Rs. 2,37,500/-

d. 25% of Basic pay subject to the total of Basic and NPA shall not be above Rs. 2,37,500/-

67. A late bid is a bid that is

- a. Received after the date and time specified for receipt.
- b. Received after the bids are opened
- c. Received before the due date and time
- d. Received before the date and time of tender notification.

68. What is the amount of monthly under Constant Attendant Allowance (CAA) for employees with 100% disability:

- a. 6000/-
- b. 6250/-
- c. 5600/-
- d. 6750/-

69. To assess a candidate under EWS category which is one of the conditions for the family:

- a. 01 acre of agricultural Land and above
- b. 03 acres of agricultural Land and above
- c. 05 acres of agricultural Land and above
- d. 07 acres of agricultural Land and above

70. Under Reservation for persons with Disabilities, reservation is admissible only for those who suffer from

- a. Not less than 40% of relevant disability
- b. Not less than 50% of relevant disability
- c. Not less than 75% of relevant Disability
- d. Not less than 100% of relevant disability
