भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
नंगल मार्ग, रूपनगर,पंजाब-140001 / Nangal Road, Rupnagar, Punjab-140001

Test Paper – Junior Assistant

Name of Candidate: _____

Roll No: _____

Date: _____

Signature of the Candidate: _____

Time Allowed: 60 Minutes

Please note:

1. All questions are compulsory.
2. This test paper consists of 6 pages.
3. Answer the questions on the space provided or choose answer by encircling the appropriate choice (as the case may be) using ink pen/ ball point pen (*no pencil please*).
4. Candidates found to be indulging in any malpractice shall be debarred from the recruitment process.
5. No extra paper will be provided.
6. Use of calculator is allowed.
7. Please handover the marked question paper to the invigilator before leaving the exam hall.
8. Questions 1 to 30 carry 1 mark each; Question 31 carries 10 marks.

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1. An Institute has 70% teaching staff (faculties) among all the staff. Out of these 60% are assistant professors, 30% are associate professors and rest are professors. Find the total percentage of professors?

    A. 42   B. 21   C. 7   D.14

2. Who can nominate members to the Senate?
    a) Director   b) Dean Academics   c) Chairman   d) Registrar

3. Senate shall meet at least_____ times in a year
    a) 3   b) 2   c) 4   d) 5

4. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?
    a) 7   b) 10   c) 12   d) 13

5. The simplest form of ratio 1.5:2.5 is
    a) 6:10   b) 15:25   c) 3:5   d) 0.75:1.25

6. Name the river passing by Ropar:

    _____

7. Name the civilization which evolved around Ropar:

_____

8. The boys entered the house _____disappeared (chose the correction option),

(A) but (B) and (C) to be (D) and so

9. The three brothers quarrelled _____ themselves (chose the correction option),

(A) between (B) of (C) among (D) off

10. Indicate the best synonym for the word 'isolated',

(A) alone (B) inside (C) closed (D) open

11. There are 35 students in a hostel. Due to the admission of 7 new students, the expenses of the mess were increased by Rs.42 per day, while the average expenditure per head reduces by Re. 1. What was the original total expenditure of the mess per day?

(A) Rs.420 (B) Rs.120 (C) Rs.840 (D) Rs.740

12. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

(A) 60 % (B) 57% (C) 65% (D) 90%

13. Act of deceiving somebody in order to make money?

(A) theft. (B) robbery. (C) pickpocket. (D) fraud.

14. Which of the following separates Africa from Europe?

(A) Suez Canal. (B) Red Sea (C) Mediterranean Sea. (D) Arabian Sea.

15. Which is not a font style ?

(A) Bold. (B) Italic. (C) Superscript. (D) Regular.

16. How much Earned leave is admissible during calendar year to a non-vacation staff member?

(A) 15 (B) 30 (C) 10 (D) 12

17. Limited Time Assets are part of:

(A) Consumables Stores. (B) Non Consumables. (C) both. (D) None of above.

18. Choose the correct antonym of the given word from the options given below. DORMANT

A. Active B. Dreamy C. Asleep D. Invisible

19. Who is the first Asian to win the Nobel Prize?

   A). C. V. Raman   B). Rajiv Gandhi   C). Rabindranath Tagore   • D). Mother Teresa

20. Which one of the following statements is correct?

   (A) BoG is top academic body.

   (B) Senate is top academic body.

   (C) Finance committee is top academic body.

   (D) ACUGS is top academic body.

21. Who is the current Human Resources Development Minister (HRD) of India?

   (A) Arun Jaitly   (B) Prakash Javedkar

   (C) Suresh Prabhu   (D) Mainka Gandhi

22. Who is the Chairman of Senate of IIT Ropar:
   a. Director IIT Ropar
   b. Dean Academics, IIT Ropar
   c. Chairman, BoG
   d. Senior most professor

23. Who is the Chairman of IIT Council?
   a. The President of India
   b. The senior most member of IIT Standing Committee
   c. Union Minister for human resource development
   d. Secretary, Higher Education, MHRD

24. The highest academic body of an IIT is:
   a. The BoG
   b. The Senate
   c. The academic standing committee
   d. IIT Council

25. JEE Main is conducted by:

   _____

26. JEE Advanced is conducted by:

   _____

27. IIT Director's tenure is
   a. 5 years
   b. 6 years
   c. Till retirement
   d. Unspecified

28. Who is the custodian of all Academic Affairs of IIT Ropar.
    a) Registrar   b) Director   c) Senate   d) BoG

29. The orders and decisions of Board are authenticated by the:

    (a) Chairman, BoG (b) Director   (c) Registrar   (d) Dean

30. Write full form of the following abbreviation:

    NIRF:_____

31. Write a short note on B.Tech. admission procedure currently followed in the IIT System.