



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

Test Paper – Junior Superintendent

Name of Candidate: \_\_\_\_\_

Roll No: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Candidate: \_\_\_\_\_

Time Allowed: 60 Minutes

Please note:

- All questions are compulsory.
- This test paper consists of 6 pages.
- 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*).
- Candidates found to be indulging in any malpractice shall be debarred from the recruitment process.
- No extra paper will be provided.
- Use of calculator is allowed.
- Please handover the marked question paper to the invigilator before leaving the exam hall.
- Questions 1 to 30 carry 1 mark each; Question 31 carries 10 marks

- The area of an institute is 250 hectares . Assuming a circular shape, calculate the length of the boundary wall in Km. (Hint: 1 Hectare =  $10^4 \text{ m}^2$ )  
\_\_\_\_\_ Km
- Agenda of a Senate meeting should be circulated at least \_\_\_\_\_ before the meeting date.  
(a) 10 days      b) 5 days      c) 7 days      d) 12 days
- BoG, Senate and Finance Committee meeting can be convened (individually) by issuing notice for meeting at least \_\_\_\_\_ before the date of the meeting.  
a) One week      b) two weeks      c) three weeks      d) four weeks
- How do you write 50 and 100 in roman numeral?  
a) C, M      b) L, C      c) D, XL      d) C, XL
- Which of the following is not a prime number:  
a) 91      b) 23      c) 59      d) 83

# Test Prime

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6. Name three *Gurudwaras* of historical importance located near Ropar:

- (a) \_\_\_\_\_  
(b) \_\_\_\_\_  
(c) \_\_\_\_\_

7. Name the year in which IIT Ropar/Punjab was established.

\_\_\_\_\_

8. Which of the following is antonym to the word 'temerity'?

- (A) bashfulness (B) humorous (C) humiliation (D) audacity

9. The idiom 'bone of contention' stands for,

- (A) without hesitation (B) worthless (C) point of argument (D) to succeed

10. The idiom 'to die in harness' stands for,

- (A) die early (B) die after 100 years (C) die peacefully (D) die on duty

11. The idiom 'all at sea' stands for,

- (A) outstanding (B) forgive all (C) state of confusion (D) living in luxury

12. A man takes 3 hr 45 min to row a boat 15 km in downstream direction of a river, and 2 hr 30 min to cover a distance 5 km in upstream direction. What is the speed of water flow in km/hr?

- (A) 4 (B) 2 (C) 3 (D) 1

13. To cut something into two pieces?

- (A) Severe. (B) Sow. (C) Sever. (D) Sewer.

14. A thrown object or a weapon capable of returning to thrower?

- (A) boomerang (B) missile (C) harpoon (D) catapult

15. A male staff member with less than 2 surviving children may be granted paternity leave for a period of

- (A) 15 days (B) 20 days (C) 3 months (D) 6 months

16. Fiscal policy in India is formulated by:

- (A) SEBI. (B) RBI. (C) NITI Aayog. (D) Finance Ministry.

17. PFC is required for Purchases
- (A) above Rs. 5 Lacs.
  - (B) above Rs. 25 Lacs.
  - (C) above Rs. 50 Lacs.
  - (D) above Rs. 1 Crore.
18. The worth of an initial monetary investment enhances to Rs. 9800 after 5 years, and to Rs. 12005 after 8 years at the same rate of simple interest. The rate of interest per annum is:
- A. 5%      B. 8%      C. 12%      D. 15%
19. The Compound interest on Rs. 15000 at 8% per annum for 1 year compounded half yearly is
- A. Rs. 1200
  - B. Rs. 1224
  - C. Rs. 1432
  - D. Rs. 1500
20. Which one of the following officers of IIT Ropar is not statutory:
- (A) Deans      (B) Heads of departments      (C) Deputy Director      (D) Librarian
21. The headquarter of the International court of Justice (UNO) are located at
- A. Hague (Netherlands)
  - B. Addis Ababa
  - C. Bangkok
  - D. New York, USA
22. The 21<sup>st</sup> Commonwealth Games were held in
- A. Russia
  - B. Australia
  - C. Turkey
  - D. Singapore
23. IIT Ropar is an institute of following category:
- a. A Government institute
  - b. An autonomous institute
  - c. An independent institute
  - d. None of the above

24. The funds for IIT Ropar come from:

- a) Ministry of finance
- b) Ministry of human resource development
- c) Ministry of science and technology
- d) UGC
- e) AICTE

25. Name the Engineering Departments of IIT Ropar.

26. Who is the visitor of IIT Ropar

- a) Prime minister of India
- b) President of India
- c) Minister of human resource and development
- d) Governor of state

27. As per the First Statutes of IIT Ropar, the Competent Authority for conferment of Honorary Degrees is:

- (a) Senate (b) Board of Governors (c) Visitor (d) Chairman, BoG

28. Write full form of the following abbreviation:

GIAN: \_\_\_\_\_

29. Write full form of the following abbreviation:

IMPRINT: \_\_\_\_\_

30. The IIT's are exempt for Income Tax under section.

- a) 10(23 C)
- b) 80 G
- c) 10 (1)
- d) None of the above.

31. IIT Ropar is currently functioning from premises of erstwhile Women's Poly-technique owned by Punjab Govt. Punjab Govt has allotted the said premises to IIT Ropar till Dec 2019. However, due to delay in construction of its new campus, IIT Ropar needs the premises until Dec 2022. Draft a letter from *an appropriate authority of IIT Ropar* and addressed to *an appropriate authority of Panjab Govt* seeking the necessary extension of the allotment of the said premises.



ITR is currently functioning from premises of erstwhile Women's Polytechnic located in  
Pune. Govt. Punjab Govt. has allowed the said premises to ITR. However, due  
to delay in construction of its new campus, ITR again needs the premises until Dec 2021. Govt.  
later from its operations authority of ITR and advised to an appropriate authority of  
Punjab Govt. seeking the necessary extension of the allotment of the said premises.

