



Indian Institute of Technology Jodhpur

Ratanada, Jodhpur – 342011

Advt + 19

Written test for the post of Junior Superintendent (PayBand-2 in the Grade Pay Rs. 4,200)

Time: 10.00 AM to 11.00 AM
Number of questions: 50

Date of Exam.: 13.10.2016
Maximum marks: 200

INSTRUCTIONS

Please read the instruction carefully

1. No additional sheets will be provided for rough work.
2. Blank papers, clipboards, log tables, slide rules, calculators, cellular phones, pagers and electronic gadgets of any kind are NOT allowed in the Examination Hall.
3. Write your name and registration number in the space provided on the Response sheet in INK and in CAPITAL LETTERS.
4. Do not break the seals of the of the question-paper booklet before being instructed to do so by the invigilators.
5. On breaking the seal, please check that all questions are legible.
6. Each question has only one correct answer.
7. For each correct answer you will be awarded 4 marks, zero marks if no answer is written. In all other cases minus one (-1) mark will be awarded.

Candidates are requested to fill the following details in his own handwriting

Name of candidate (CAPITAL LETTERS):

Post applied for:

Signature of candidate

Signature of invigilator



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1. Computer gather data, which means they allowed users to store.
(a) present (b) store (c) output
(d) input (e) None of these
2. The contents of memory will not be lost, when the power goes off in
(a) ROM (b) EPROM (c) EEPROM
(d) All of above (e) None of these
3. A is a device that not only provides surge protection, but also furnishes your computer with battery backup power during a power outage.
(a) surge strip (b) USB (c) UPS
(d) battery strip (e) None of these
4. A computer cannot "boot" if it does not have the
(a) compiler (b) loader (c) operating system
(d) assembler (e) None of these
5. The general term "peripheral equipment" is used for
(a) any device that is attached to a computer system
(b) large-scale computer system
(c) a program collection
(d) other office equipment not associated with a desktop computer
(e) None of these
6. Server is a computer which provides resources to other computers commuted in a
(a) network (b) mainframe (c) super computer
(d) clients (e) None of these
7. An alternate name for the completely interconnected network topology is:
(a) Mesh (b) Star (c) Tree
(d) Ring (e) None of these
8. Specialized programs that assist users in locating information on the web are called ...
(a) Information engines (b) Locator engines (c) Web browsers
(d) Resource locators (e) Search engines
9. When pointers points then pointer appears like a hand.
(a) Grammar error (b) Hyper link (c) Screen tip
(d) Spelling error (e) None of these
10. Which of the following is not true concerning user computer IDs and passwords?
(a) when you enter your user ID and password, the computer knows it is you.
(b) If your computer asks for a user ID and password, you can create your own
(c) sometimes you are assigned a user ID and password for security reasons
(d) you should share your user ID and password with at least one other person
(e) None of these

-----Space for rough work-----

Directions (11 to 15): Which of the phrases (a), (b), (c) & (d) given below should replace the phrase given in bold in the following sentence to make it meaningful and grammatically correct? If the sentence is correct as it is and 'No correction is required', mark (e) as the answer.

11. Striking this deal will enable the company to expand its operations in Europe.
- (a) Strike this deal that
 - (b) To strike off this deal
 - (c) By striking this deal to
 - (d) This deal was struck which
 - (e) No correction required
12. The management has been left with no option else to change the branch timings to avoid losing, business.
- (a) but to change
 - (b) except the change of
 - (c) unless it changes with
 - (d) other than the changing
 - (e) No correction required
13. We admire they are taking this step despite the numerous risks involved.
- (a) them to take
 - (b) them for taking
 - (c) that they have taken over
 - (d) how their taking of
 - (e) No correction required
14. We have accepted over two billion dollars from them yet it is been used to build hospital in the area.
- (a) that is yet to use
 - (b) although it has been used
 - (c) not yet being used
 - (d) which will be used
 - (e) No correction required
15. People have respond in favour the government's efforts to resolve the budget crisis.
- (a) resolve the budget crisis
 - (b) response in favour of
 - (c) responded favourably to
 - (d) been responding favourably
 - (e) No correction required

-----Space for rough work-----

Direction (16 to 20): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

16. After having been friends for more than a decade, they had a last year and have not each other ever since.
- (a) fight, talked (b) argument, met
(c) dispute, seen (d) quarrel, admired
(e) difference, introduced
17. The workers, several of Had complained about their low wages earlier, have now to move the court for the labour rights.
- (a) who, indicated (b) whom, decided
(c) which, threatened (d) them, resolved
(e) number, warned
18. The hutment dwellers were jubilant when the government an apartment to each of them at rates.
- (a) demolished, fast (b) announced, less
(c) provided, high (d) acquired, low
(e) promised, subsidized
19. The organization was deeply by difficulties a decade ago but the new CEO brought many changes in it and took it to a new high.
- (a) indebted, necessary (b) plagued, vital
(c) coping, more (d) hurt, critical
(e) shaken, inevitable
20. The prime minister, who is in his holiday home at the moment, said that he was very by the news of India winning the World Cup.
- (a) visiting, happy (b) residing, obliged
(c) intruding, dejected (d) staying, pleased
(e) resting, cheerful
21. The simple interest on a certain sum of money for 3 years at 8% pa is half the compound interest on Rs. 8,000/- for 2 years at 10% pa. Find the sum placed on simple interest.
- (a) Rs. 3,500/- (b) Rs. 3,800/-
(c) Rs. 4,000/- (d) Rs. 3,600/-
(e) None of these
22. Sohan spends 23% of an amount of money on an insurance policy, 33% on food, 19% on children's education and 16% on recreation. He deposits the remaining amount of Rs. 504/- in bank. How much total amount does he spend on food and insurance policy together?

-----Space for rough work-----

- (a) Rs. 3,200/- (b) Rs. 3,126/-
(c) Rs. 3,136/- (d) Rs. 3,048/-
(e) None of these
23. A car driver covers a distance between two cities at a speed of 60 km/h and on the return his speed is 40 km/h. He goes again from the 1st to the 2nd city at twice that original speed and returns at half the original retrun speed. Find his average speed for the entire journey.
- (a) 55 km/h (b) 50 km/h
(c) 48 km/h (d) 40 km/h
(e) None of these
24. Unless otherwise specified, the Utilization Certificate should be submitted within month(s) of closer of financial year.
- (a) 1 month (b) 3 months
(c) 6 months (d) 12 months
(e) None of these
25. A contractor undertook to do a certain piece of work in 18 days. He employed certain number of men but 12 of them being absent from the very 1st day, the rest could finish the work in 30 days. Find the number of men originally employed.
- (a) 40 (b) 15
(c) 45 (d) 30
(e) None of these
26. In a factory, the ratio of the numbers of employees of three types A, B and C is 9 : 13 : 18 and their wages are in the ratio of 10 : 7 : 4. If number of employees of type C is 54 and wages of every employee of type B is Rs. 1400/-, then find the total wages of all the employees of type A.
- (a) Rs. 51,000/- (b) Rs. 54,000/-
(c) Rs. 56,000/- (d) Rs. 57,000/-
(e) Rs. 59,000/-
27. Which of the following cannot be given Grants-in-Aid:
- (a) Autonomous Bodies (b) N.G.O.
(c) U.L.B. (d) Cooperative Society
(e) Department of the Central Govt.
28. Which is the safe mode of payment for purchaser and seller for both in imported purchase:
- (a) Sight draft (b) Letter of Credit
(c) Advance payment through TT (d) Payment after delivery
(e) None of these
29. When the "Public Buying Act" was passed
- (a) 2010 (b) 2011
(c) 2012 (d) 2013
(e) 2014

-----Space for rough work-----

30. On which date the rate of conversion of foreign currency is applicable:
- (a) Date of opening LC in opening bank
 - (b) Date of sending LC document to bank
 - (c) Date of dispatching document to opening bank
 - (d) Date of negotiation of document in paying bank
 - (e) None of these
31. From which date, the benefits of 7th Central Pay Commission will be applicable:
- (a) 01.01.2004
 - (b) 01.01.2014
 - (c) 01.01.2006
 - (d) 01.01.2016
 - (e) 01.01.2017
32. From which date New Pension Scheme was applicable
- (a) 01.01.2004
 - (b) 01.01.2014
 - (c) 01.01.2006
 - (d) 01.01.2016
 - (e) 01.07.2016
33. Suspension is a
- (a) Minor punishment
 - (b) Not a punishment
 - (c) Major punishment
 - (d) Start of removal from service
 - (e) None of these
34. IIT Jodhpur established under The Institute of Technology (Amendment) Act,
- (a) 2010
 - (b) 2011
 - (c) 2012
 - (d) 2013
 - (e) 2014
35. What does CTE stand for in the Central Vigilance Commission:
- (a) Chief Technical Examiner
 - (b) Chief Technical Evaluator
 - (c) Centre of Technical Education
 - (d) Center of Terminal Examination
 - (e) None of these
36. Now-a-days which Accounting procedure is adopted as per Central Government directives:
- (a) Cash base accounting
 - (b) Zero base accounting
 - (c) Accrual base accounting
 - (d) Recurring base accounting
 - (e) None of these
37. Calculate the basic of a person joined with 3 advance increment (non-compounded) in PayBand-2 with Grade Pay Rs. 4,200/-. Prior to his joining he was serving in PayBand-1 with Grade Pay Rs. 2,000/- for last three years.
- (a) Rs. 14,715/-
 - (b) Rs. 14,720/-
 - (c) Rs. 14,751/-
 - (d) Rs. 14,760/-
 - (e) Rs. 15,680/-

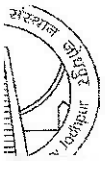
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38. As per Rule 30, a sanction shall lapse in months unless otherwise specified.
- (a) 3 (b) 6
(c) 9 (d) 12
(e) Never
39. tender will be called for repair works costing Rs. 5 lakhs to Rs. 10 lakhs
- (a) Rate contract (b) Limited tender
(c) Open tender (d) Single tender
(e) No tender required
40. A citizen has a right to inspect the records of a public authority. For inspection of records, the public authority shall charge no fee for the first hour. But a fee of rupees for each subsequent hour (or fraction thereof) shall be charge. Fill the black with appropriate option.
- (a) Rs. 5/- (b) Rs. 15/-
(c) Rs. 20/- (d) Rs. 25/-
(e) Rs. 50/-
41. TA claim is to be prepared within a period of
- (a) One month (b) Three months
(c) Six months (d) One year
(e) None of these
42. As per Rule 159 (1) advance payments not exceeding% of contract value may be made for maintenance contracts of costly equipment to private firm and% to PSU
- (a) 40%, 10% (b) 30%, 20%
(c) 20%, 30% (d) 10%, 40%
(e) None of these
43. As per Rule 257 (2), the Service Book of Govt. servant shall be maintained in
- (a) Single (b) Duplicate
(c) Triplicate (d) quadruplicate
(e) None of these
44. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group?
- (a) 215 (b) 143
(c) 247 (d) 91
(e) 65
45. In a certain code CROWNED is written as PSDVEFO. How is STREAMS written in that code?
- (a) SUTDBNT (b) TUSDTNB
(c) SUTFTNB (d) QSRDTNB
(e) None of these

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46. 'DEAN' is related to 'NDAE' and 'ROAD' is related to 'DRAO' in the same way as 'SOME' is related to
- (a) ESMO (b) EOMS
(c) EMOS (d) MSEO
(e) None of these
47. In a row of thirty five children, M is fifteenth from the right end and there are ten children between M and R. What is R's position from the left end of the row?
- (a) 15th (b) 5th
(c) 30th (d) Data inadequate
(e) None of these
48. If each consonant in the word TOLERANT is replaced by the previous letter in the English alphabet and each vowel in the word is replaced by the next letter in the English alphabet and new set of letters is arranged alphabetically, which of the following will be the fourth from the right end after the replacement?
- (a) M (b) P
(c) Q (d) K
(e) None of these
49. How many such pairs of digits are there in the number 8429516 each of which has as many digits between them in the number as when the digits are arranged in ascending?
- (a) None (b) One
(c) Two (d) Three
(e) More than three
50. What should come next in the following letter series?
H G F E D C B A G F E D C B A F E D C B A
- (a) E (b) G
(c) F (d) B
(e) None of these

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INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

Answer sheet

Total number of questions: 50

Maximum Marks: 200

Name of candidate (CAPITAL LETTERS):

Post applied for: Date:

Please read all the instructions given on question paper carefully. Use Black/Blue ball point pen to write the answers. Each question having five options (a, b, c, d and e or 1, 2, 3, 4 and 5), you are required to write the appropriate answer in the corresponding block of question. Overwriting in answer block not allowed.

Question number	Answer
1.	D
2.	C
3.	C
4.	C
5.	A
6.	A
7.	A
8.	E
9.	B
10.	D
11.	E
12.	A
13.	B
14.	D
15.	C
16.	C
17.	B
18.	E
19.	B
20.	D

Question number	Answer
21.	A
22.	C
23.	D
24.	D
25.	D
26.	B
27.	E
28.	B
29.	C
30.	D
31.	D
32.	A
33.	B
34.	C
35.	A
36.	C
37.	B
38.	D
39.	C
40.	A

Question number	Answer
41.	D
42.	D
43.	B
44.	A
45.	E
46.	A
47.	D
48.	B
49.	C
50.	A

Number of question attempted:

Signature of candidate

Signature of invigilator

Do not write anything below this line

A	B	A - B
Number of answer correct: (.....) x 4	Number of answer wrong: (.....) x 1	Total marks obtained:
Signature of Examiner I		Signature of Examiner II

