

No.Admn/JEGI(3) /Rectt/2025

Date: 04.12.2025

NOTIFICATION

Subject: Invitation for representation(s), if any, on the Questions and the Answer Keys of the written test, held for the post of Junior Executive Grade I held on 29.11.2025

With reference to advertisement no Admn/Rectt/2025/15 dated 14 June 2025 for the position of Junior Executive Grade I (on purely tenure/deputation/contract basis).

Please find below the **Question** (Annexure-I) and the **Answer Keys** (Annexure-II) of the Written Test for the post of position of **Junior Executive Grade I** held on 29.11.2025.

Representation(s), if any, is/are invited from the candidates regarding the correctness of the answer(s) to any question(s), on the email id career@iimmumbai.ac.in latest by **Saturday, 06.12.2025, 05:30 p.m.** To register your representation, an applicable fee of Rs 100 /- per question, has to be paid to the following account.

ACCOUNT NAME: IIM MUMBAI MISC RECEIPTS

BANK NAME : CANARA BANK

BRANCH NAME : IIT POWAI

ACCOUNT NO : 120037475430

IFSC CODE : CNRB0002724

UTR information for payment has to be shared along with the representation. If your representation is found to be correct, the amount paid shall be refunded.

BY ORDER



INDIAN INSTITUTE OF MANAGEMENT MUMBAI

WRITTEN TEST FOR THE POST OF JUNIOR EXECUTIVE GRADE I

Held on 29.11.2025

Application No	
Applicant Signature and date	
Invigilator Signature	

Duration: 120 Minutes

Total Marks: 100

Instructions to Candidates

- (a) Answers must be written in the answer booklet, except for subjective questions, for which three blank sheets are attached in the booklet. Candidates must write their application number and sign each sheet.
- (b) Mark your answer by writing a tick (✓) against the correct option or by writing the correct option below the question.
- (c) If an answer is marked erroneously, neatly and clearly strike it out so that it is understandable.
- (d) Any unclear or ambiguous marking will be treated as no answer, and no marks will be awarded.
- (e) Each question carries one mark except for subjective questions which carries 5 marks each (Question Nos. 91 & 92).
- (f) **Negative Marking:** 0.25 mark will be deducted for every incorrect response for MCQ.
- (g) No marks will be deducted for questions that are not attempted.
- (h) No negative marking applies to Descriptive/ Subjective Questions (Q Nos. 91 & 92). Q 91 & 92 are compulsory.
- (i) Minimum passing marks shall be as determined by the competent authority.
- (j) Each multiple-choice question will have only one correct answer. Mark your choice carefully so that there is no over writing or correction.
- (k) Avoid overwriting or correction marks in the answer booklet.
- (l) Use only a ballpoint pen to answer; responses written in pencil will not be evaluated.
- (m) Use of mobile phones, calculators, smart watches or other electronic devices is strictly prohibited. Keep your mobile phones and other devices switched off and outside the examination venue.
- (n) Leaving the examination room during the examination is not permitted.
- (o) Borrowing of stationery (pens, scales, erasers, etc.) inside the examination venue is strictly prohibited.
- (p) Rough work can only be done in blank sheets provided for the purpose.
- (q) Violation of any of the above instructions will lead to cancellation of candidature.

Candidates to clearly mention below the total number of questions attempted and not attempted and append their signature .

Total Number of Questions Attempted: _____

Total Number of Questions Not Attempted: _____ Signature of Candidate _____

SELECT THE MOST APPROPRIATE ANSWER FOR EACH OF THE
FOLLOWING MULTIPLE-CHOICE QUESTIONS.

1. We were really hoping that Antalya would be a cheap city, but it turned out to be expensive,?
 - a. weren't we
 - b. did it
 - c. didn't we
 - d. didn't it

2. My brother no longer trusted me after I hadn't been able to finish his translations on time, and anyone else in my family.
 - a. nor had
 - b. neither did
 - c. nor was
 - d. so had

3. There are some specific characteristics that make "the Wimbledon Tennis Championships" unique. Wimbledon is the only major tennis tournament on grass.
 - a. to play
 - b. played
 - c. to be playing
 - d. playing

4. I didn't know what to do but then an idea suddenlyto me.
 - a. happened
 - b. entered
 - c. occurred
 - d. hit

5. If I were you, I a new car instead of struggling with this old one.
 - a. have bought
 - b. bought
 - c. had bought
 - d. would buy

6. Select the most appropriate ANTONYM of the underlined word.
"I don't like to work with people who are not flexible."
 - a. Capable
 - b. Malleable
 - c. Open-ended
 - d. Rigid

7. to offend anyone, she said both cakes were equally good.

- a. Not wanting
- b. As not wanting
- c. She didn't want
- d. Because not wanting

8. Which sentence is correct?

- a. Do you go to bed early usually?
- b. Do you go to bed usually early?
- c. Do you usually go to bed early?
- d. None of the above

9. The peregrine falcon is

- a. the fastest animal of the world.
- b. the most fast animal of the world.
- c. the faster animal of the world.
- d. the fastest animal in the world

Read the following passage and answer the questions that follow (Question No. 10 to 12):

Thirty-five hundred years ago, an incredible explosion blew apart an island and completely destroyed a civilization called Atlantis. Where was Atlantis? What kind of people lived there? Why and how was it destroyed? No one knows the answers to these questions, but there have been hundreds of guesses and theories.

The Greek philosopher Plato (approximately 427 to 347 B.C.) is the primary source for the legend of Atlantis. His description of the "lost continent" still excites the modern mind. Plato's Atlantis was a kind of paradise - a vast island larger than Libya and Asia put together - with magnificent mountain ranges, green plains that were full of every variety of animals, and luxuriant gardens where the fruit was fair and wondrous and in infinite abundance.

The earth was rich with precious metals, especially the one prized most highly by the ancients, orichalcum, an alloy of copper, perhaps brass. The capital of Atlantis was beautifully constructed in white, black, and red stone. The city was carefully planned - in five zones built in perfect concentric circles. Each circular zone was built inside a larger one.

Plato says that the capital's canals and its nearby port were full of vessels and merchants coming from all parts, who, from their numbers, kept up a multitudinous sound of human voices, and din and clatter of all sorts night and day. The city was full of life, activity, and culture.

10. Plato lived

- a. roughly between 4th to 3rd century B.C.

- b. 3,500 years ago
- c. roughly between 5th to 4th century B.C.
- d. 23 centuries ago

11. In accordance with Plato, how large was Atlantis?

- a. as large as a continent
- b. larger than Libya and Asia put together
- c. as large as a vast island
- d. all of the above

12. The fruit on Atlantis was.....

- a. orichalcum
- b. rich with special metals
- c. green
- d. fair and wondrous and in endless abundance

13. No English teacherto the school till nowadays.

- a. Were appointed
- b. Has been appointed
- c. Was appointed
- d. Is appointed

14. Orthozanclus, about half an inch long,.....about 505 million years ago during the Cambrian Period.

- a. Had lived
- b. Has been living
- c. lived
- d. lives

15. Because he believes in democratic principles, he always

- a. decides all the matters himself
- b. listen to others views and enforces his own
- c. shown respect to others opinions if they match his own
- d. reconciles with the majority views and gives us his own

16. The employer appeared to be in such an affable mood that Rohit

- a. decided to ask for a raise in his salary
- b. was scared to talk to him about his leave
- c. felt very guilty for his inadvertent slip
- d. promised him that he would not commit mistake again

17. In order to help the company attain its goal of enhancing profit, all the employees

- a. urged the management to grant paid leave
- b. voluntarily offered to render additional services in lieu of nothing
- c. voluntarily offered to work overtime with lucrative compensation
- d. decided to enhance production at the cost of quality of the product

18. Find the correctly spelt word.

- a. Entrepreneur
- b. Entrapreneur
- c. Entrepraneur
- d. Enterprenuer

19. Choose the most appropriate meaning of the idiom “To make clean breast of”

- a. To gain prominence
- b. To praise oneself
- c. To confess without of reserve
- d. None of the above

20. Select the option that expresses the given sentence in passive voice.

“The first-year students are bidding farewell to their seniors.”

- a. Farewell is to be bid to their seniors by the first-year students.
- b. Farewell was being bid to their seniors by the first-year students.
- c. Farewell is being bid to their seniors by the first-year students.
- d. Their seniors is being bid farewell by the first-year students

21. What least value must be assigned to * so that the number $197*5462$ is divisible by 9?

- a. 0
- b. 1
- c. 2
- d. 3

22. The remainder when $(15^{23} + 23^{23})$ is divided by 19, is

- a. 0
- b. 4
- c. 15
- d. 18

23. The sum and difference of the L.C.M and H.C.F. of two numbers are 592 and 518 respectively. If the sum of the numbers be 296, find the numbers.

- a. 100 and 196
- b. 111 and 185
- c. 116 and 180
- d. 120 and 176

24. If $\frac{b}{a} = 0.25$, then what is the value of $\frac{2a-b}{2a+b} + \frac{2}{9}$?

- a. 0.5
- b. 1
- c. 1.5
- d. 2.25

25. Simplify the following:

$$\left[3\frac{1}{4} \div \left\{ 1\frac{1}{4} - \frac{1}{2} \left(2\frac{1}{2} - \overline{\frac{1}{4} - \frac{1}{6}} \right) \right\} \right].$$

- a. 16
- b. 29
- c. 78
- d. 92

26. A zoo keeper counted the heads of the animals in a zoo and found it to be 80. When he counted the legs of the animals he found it to be 260. If the zoo had either pigeons or horses, how many horses were there in the zoo?

- a. 39
- b. 44
- c. 50
- d. 52

27. In a group of 70 people, 37 like coffee, 52 like tea and each person likes at least one of the two drinks. Find the number of people who like both coffee and tea.

- a. 6
- b. 13
- c. 19
- d. 25

28. There are 200 questions on a 3 hour examination. Among these questions are 50 Mathematics problems. It is suggested that twice as much time be spent on each Maths problem as for each other question. How many minutes should be spent on Mathematics problems?

- a. 36
- b. 60
- c. 72
- d. 100

29. The number $25^{64} \times 64^{25}$ is the square of a natural number n . The sum of the digits of n is –
- 7
 - 14
 - 21
 - 18
30. The average monthly expenditure of a family was Rs. 2200 during the first 3 months; Rs. 2250 during the next 4 months and Rs. 3120 during the last 5 months of a year. If the total savings during the year were Rs. 1260, find the average monthly income of the family.
- Rs. 2084
 - Rs. 2153
 - Rs. 2279
 - Rs. 2705
31. There are five boxes in a cargo hold. The weight of the first box is 200 kg and the weight of the second box is 20% more than the weight of the third box, whose weight is 25% more than the first box's weight. The fourth box at 350 kg is 30% lighter than the fifth box. The difference in the average weight of the four heaviest boxes and the four lightest boxes is –
- 37.5 kg
 - 51.5 kg
 - 75 kg
 - 112.5 kg
32. Reenu's age after 6 years will be three-sevenths of her father's age. 10 years ago, the ratio of their ages was 1 : 5. What is Reenu's father's age at present?
- 41 Years
 - 45 Years
 - 50 Years
 - 52 Years
33. Salesperson A's compensation for any week is Rs. 360 plus 6 percent of the portion of A's total sales above Rs. 1000 for that week. Salesperson B's compensation for any week is 8 percent of B's total sales for that week. For what amount of total weekly sales would both salespersons earn the same compensation?
- Rs. 12,000
 - Rs. 15,000
 - Rs. 18,000
 - Rs. 21,000
34. 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. 57%
 - b. 60%
 - c. 65%
 - d. 90%
35. 85% and 92% alcoholic solutions are mixed to get 35 litres of an 89% alcoholic solution. How many litres of each solution are there in the new mixture?
- a. 10 of the first and 25 of the second
 - b. 20 of the first and 15 of the second
 - c. 15 of the first and 20 of the second
 - d. 12 of the first and 23 of the second
36. A book was sold for Rs. 27.50 with a profit of 10%. If it were sold for Rs. 25.75, then what would have been the percentage of profit or loss?
- a. 2.75% Profit
 - b. 3.5% Loss
 - c. 3.5% Profit
 - d. 3% Profit
37. A man spends Rs. 500 in buying 12 tables and chairs. The cost of one table is Rs. 50 and that of one chair is Rs. 40. What is the ratio of the numbers of the chairs and tables purchased?
- a. 4:3
 - b. 5:1
 - c. 5:2
 - d. 3:2
38. Alfred started a business investing Rs. 45,000. After 3 months, Peter joined him with a capital of Rs. 60,000. After another 6 months, Ronald joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. Find the share of Peter.
- a. Rs. 6,600
 - b. Rs. 6,000
 - c. Rs. 5,600
 - d. Rs. 3,000
39. If 12 men or 18 women can do a work in 14 days, then in how many days will 8 men and 16 women do the same work?
- a. 8 days
 - b. 9 days
 - c. 10 days
 - d. 11 days

40. A cistern has three pipes A, B and C. A and B can fill it in 3 hours and 4 hours respectively while C can empty the completely filled cistern in 1 hour. If the pipes are opened in order at 3, 4 and 5 p.m. respectively, at what time will the cistern be empty?

- a. 6.50 p.m.
- b. 7.00 p.m.
- c. 7.12 p.m.
- d. 7.20 p.m.

41. Which pair of numbers comes next - 28 25 5 21 18 5 14

- a. 11 5
- b. 10 7
- c. 11 8
- d. 5 10

42. Select the option that represents the correct order of the given words as they would appear in an English dictionary.

- 1) Humility
- 2) Humbug
- 3) Humanoid
- 4) Humidity
- 5) Humoresque
- 6) Humanity
- 7) Humectants

- a. 6, 3, 2, 7, 4, 1, 5
- b. 6, 3, 2, 7, 1, 4, 5
- c. 6, 3, 7, 2, 1, 4, 5
- d. 6, 3, 7, 2, 4, 1, 5

43. Which two signs should be interchanged to make the given equation correct?

$$(50 \div 3) * 15 + 25 - 10 = 25$$

- a. \div and $-$
- b. $+$ and $*$
- c. \div and $*$
- d. $+$ and $-$

44. Which letter cluster will replace the question mark to complete the given series?

BLJS, FOLT, ?, NUPV, RXRW

- a. KRMU
- b. JRNU
- c. KRNU
- d. JRMU

45. Three different positions of the same dice are shown below (figures 1 to 3). Find the number on the face opposite to the face having “3”

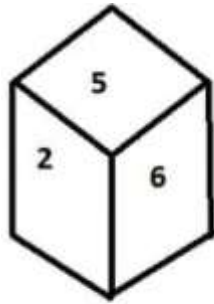


figure 1

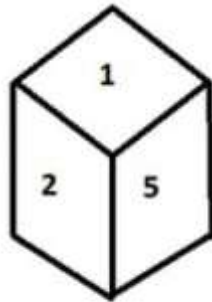


figure 2

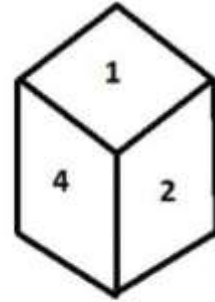


figure 3

- a. 1
b. 2
c. 5
d. 6
46. Which two numbers, from amongst the given options, should be interchanged to make the given equation correct?

$$72 + (7 \times 8) - (126 \div 14) - (4)^2 = 150$$

- a. 72 and 126
b. 7 and 4
c. 8 and 4
d. 14 and 7
47. In a certain code language, 'INBOX' is written as 'MRYCL' and 'EMAIL' is written as 'NVZOR'. How will 'DRAFT' be written in that language?

- a. UGZWI
b. WIZGU
c. IWZGU
d. IWGZU
48. By Interchanging the given two numbers which of the following equation will be correct? 7 and 4

- a. $4 - 7 + 6 \div 2 \times 3 = 12$
b. $4 \times 3 + 7 - 9 \div 3 = 20$
c. $7 + 4 \times 2 - 6 \div 2 = 17$
d. $7 + 5 \times 2 - 4 \div 1 = 9$

49. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

TMT, ZOB, FQJ, LSR, ?

- a. RYO
- b. RZO
- c. RUZ
- d. RZQ

50. Three statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All books are pencils.

Some pencils are pens.

All pens are erasers.

Conclusions:

I. Some erasers are pencils.

II. All pens are books.

III. Some erasers are pens.

- a. Only conclusions I and II follow.
- b. Only conclusions II and III follow.
- c. Only conclusions I and III follow.
- d. All conclusions follow.

51. Here are some words translated from an artificial language.

gorblflur means fan belt

pixngorbl means ceiling fan

arthtusl means tile roof

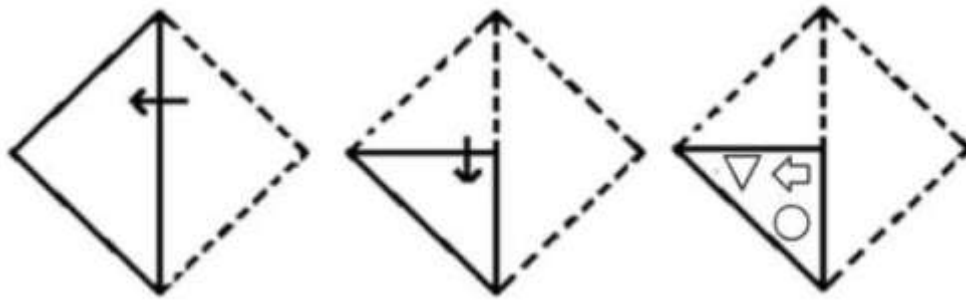
Which word could mean "ceiling tile"?

- a. *gorbltusl*
- b. *flurgorbl*
- c. *arthflur*
- d. *pixnarth*

52. Which word does NOT belong with the others?

- a. inch
- b. ounce
- c. centimetre
- d. yard

53. A paper is folded and cut as shown below. How will it appear when unfolded?



- a.
- b.
- c.

d. None of the above

54. Which word does NOT belong with the others?

- a. rye
- b. sourdough
- c. pumpernickel
- d. loaf

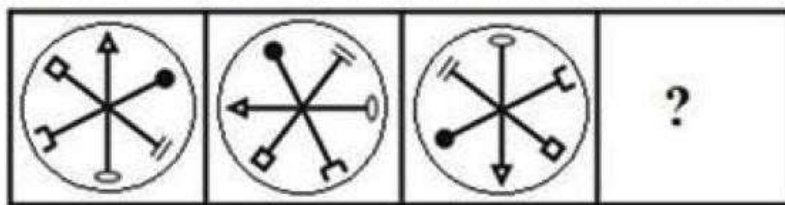
55. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. - MONK : DEVOTION

- a. maniac : pacifism
- b. visionary : complacency
- c. rover : wanderlust
- d. philistine : culture

56. Fill the blank with the most suitable options - DEF, DEF₂, DE₂F₂, _____, D₂E₂F₃

- a. DEF₃
- b. D₃EF₃
- c. D₂E₃F
- d. D₂E₂F₂

57. Select the figure from among the given options that can replace the question mark in the following series?



- a.
- b.
- c.
- d.

58. Find the statement that must be true according to the given information.

Erin is twelve years old. For three years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Erin has not yet decided what kind of bird she would like to have.

- a. Erin's parents like birds better than they like dogs.
- b. Erin does not like birds.
- c. Erin and her parents live in an apartment.
- d. Erin and her parents would like to move.

59. The underlined word is followed by four answer choices. Choose the word that is a necessary part of the underlined word.

harvest

- a. autumn
- b. stockpile
- c. tractor
- d. crop

60. Read the definition and all four choices carefully, and find the answer that provides the best example of the given definition.

Applying for Seasonal Employment occurs when a person requests to be considered for a job that is dependent on a particular season or time of year. Which situation below is the best example of Applying for Seasonal Employment?

- a. The ski instructors at Top of the Peak Ski School work from December through March.
- b. Matthew prefers jobs that allow him to work outdoors.
- c. Lucinda makes an appointment with the beach resort restaurant manager to interview for the summer waitressing position that was advertised in the newspaper.
- d. Doug's ice cream shop stays open until 11 p.m. during the summer months.

61. In India Who among the following has the power to pardon, reprieve or commute the punishment of any criminal?

- a. Prime Minister
- b. Attorney General of India
- c. President
- d. Vice-President

62. Who was associated with the foundation of the Fergusson College?

- a. Dadabhai Naoroji
- b. Gopal Krishna Gokhale
- c. Lajpat Rai
- d. Bal Gangadhar Tilak

63. Devaluation of a currency means

- a. reduction in the value of a currency vis-a-vis major internationally traded currency
- b. permitting the currency to seek its worth in the international market
- c. fixing the value of the currency in conjunction with the movement in the value of a basket of pre-determined currencies
- d. fixing the value of currency in multilateral consultation with the IMF, the World Bank and major trading partners

64. Development expenditure of the Central government does not include

- a. defence expenditure
- b. expenditure on economic services
- c. expenditure on social and community services
- d. grant to states

65. Maharashtra shares its boundary with how many states?
- Four
 - Five
 - Six
 - Seven
66. The minimum age to qualify for election to the Lok Sabha is
- 25 years
 - 21 years
 - 18 years
 - 35 years
67. The planet that takes the highest time for completing a rotation is
- Mercury
 - Venus
 - Earth
 - Pluto
68. After whom has the FIDE Chess World Cup 2025 trophy been renamed
- Anatoly Karpov
 - Emanuel Lasker
 - Viswanathan Anand
 - Vladimir Kramnik
69. Which country has become the first in the world to implement a generational smoking ban prohibiting tobacco use for anyone born after January 1, 2007?
- New Zealand
 - Maldives
 - United Kingdom
 - Australia
70. Which of the following is a non-metal that remains liquid at room temperature?
- Mercury
 - Bromine
 - Chlorine
 - Helium
71. In Computer terminology, one terabyte is equal to –
- 1024 bits
 - 1024 gigabytes
 - 1024 megabytes
 - 1024 petabytes
72. Which of the following is the full form of image format ‘.png’?

- a. Process Network Graph
- b. Programmable Network Groups
- c. Portable Network Graphics
- d. None of the above

73. ZIP stands for _____

- a. Zone Information Protocol
- b. Zip File Integration Process
- c. Zipped Information Package
- d. Zone Impact Protocol

74. What is UBUNTU

- a. Malware
- b. Operating System
- c. External Hard drive
- d. Web Browser

75. What does the “Page Layout” tab allow you to adjust?

- a. Inserting hyperlinks
- b. Text colour
- c. Fonts and paragraphs
- d. Margins, orientation, and size

76. Which shortcut key is used to open a new document in Microsoft Word?

- a. Ctrl + D
- b. Ctrl + N
- c. Ctrl + W
- d. Ctrl + O

77. Which Function key is used for opening help?

- a. F1
- b. F2
- c. F3
- d. F4

78. The ability to combine name and addresses with a standard document is called

- a. Document formatting
- b. Database management
- c. Mail merge
- d. Form letters

79. 182:128:0:178 is a format for which of the following addresses?

- a. IPv4
- b. IPv6

- c. MAC Address
- d. URL

80. Which of the following device has the least storage?

- a. CD ROM
- b. Magnetic Tape
- c. Pen Drive
- d. Floppy Disk

81. What is a budget?

- a. A statement of receipts and payments incurred in a year
- b. A statement of appropriation of funds
- c. A record of all expenses made
- d. A statement of estimated receipts and expenditure of the Institute

82. Which is the correct sequence in which the given terms are mentioned in the Preamble to the Constitution of India?

- a. Sovereign, Socialist, Secular, Democratic, Republic
- b. Socialist, Secular, Sovereign, Democratic, Republic
- c. Secular, Socialist, Sovereign, Democratic, Republic
- d. Sovereign, Democratic, Socialist, Secular, Republic

83. Who of the following is the competent to sanction abolition of a Post?

- a. An authority who is competent to create the post
- b. A Secretary of a Department
- c. The Finance Ministry
- d. Any of the above

84. The Delegation of Financial Powers Rule does not apply to:

- a. Department of Education
- b. Department of Commerce
- c. Department of Atomic Energy and Space
- d. Department of Agriculture

85. What is the limit beyond which Cases of waiver of recovery of overpayment have to be referred to the ministry of Finance?

- a. Rs. 1 lakh
- b. Rs. 2 lakh
- c. Rs. 5 lakh
- d. All cases must be referred to the Finance Ministry

86. Capital Expenditure of an Institute is generally met from

- a. Taxes

- b. Duties
- c. Capital Receipts
- d. Fees and Fines

87. What are the duties and responsibilities of the Chief Accounting Authority?

- a. To be responsible and accountable for financial management
- b. To ensure that the public funds appropriated to the Ministry or Department are used for the purposes for which they are meant for
- c. To be responsible for effective, efficient, economical, and transparent use of the resources of the Ministries/ Departments in achieving the stated objectives
- d. All of the above.

88. Which of the following does not come under Capital Asset?

- a. Jewellery
- b. Works of Art
- c. Archaeological Collections
- d. All of the above

89. What does information mean under the RTI Act?

- a. Emails and opinions
- b. press releases
- c. contracts
- d. all of the above

90. How does Bhartiya Nyaya Sanhita define “document”?

- a. Only written material on paper
- b. any matter expressed or described upon any substance by means of letters, figures, or marks, intended to be used as evidence
- c. only electronic records
- d. Only government issued identification

91. Recently Biometric Attendance System has been introduced in the Institute, and Face Recognition Devices have been installed at every section. Please draft a general circular conveying that it is mandatory for all employees to register their attendance through the Biometric Attendance System ONLY and the physical attendance system will no longer be in existence. - 5 Marks

92. Ministry of Education desires that in order to encourage automation in the administration of the Institute, e-office Mission Mode Project is to be implemented. Draft a communication, for holding a meeting under the chairmanship of Director of the Institute, inviting all Heads of Sections for the said meeting. - 5 Marks

ANSWER KEY
WRITTEN TEST FOR THE POSITION OF
JUNIOR EXECUTIVE GRADE I HELD ON 29.11.2025.

1. d	31. c	61. c
2. b	32. c	62. d
3. b	33. b	63. a
4. c	34. a	64. a
5. d	35. c	65. c
6. d	36. d	66. a
7. a	37. b	67. b
8. c	38. a	68. c
9. d	39. b	69. b
10. c	40. c	70. b
11. b	41. a	71. b
12. d	42. a	72. c
13. b	43. c	73. c
14. c	44. b	74. b
15. d	45. b	75. d
16. a	46. d	76. b
17. b	47. c	77. a
18. a	48. a	78. c
19. c	49. c	79. b
20. c	50. c	80. d
21. c	51. d	81. d
22. a	52. b	82. a
23. b	53. c	83. c
24. b	54. a	84. c
25. c	55. c	85. b
26. c	56. d	86. c
27. c	57. b	87. d
28. c	58. c	88. d
29. b	59. d	89. d
30. d	60. c	90. b