| TEST BOOKLET |  |
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| JS/01/2022 Level - I Test |  |
| **Time Allowed: 2 Hours** | **Maximum Marks: 100** |

**Please read the following instructions carefully:**

1. This test booklet contains **20 pages**. Immediately after the commencement of the examination, you should check that this test booklet does not have any unprinted or torn or missing pages or items etc. If so, get it replaced.

2. This test booklet contains **100 questions**. Each question carries **1 mark**. Each question comprises four answers. You will select the answers which you want to mark on the answer sheet.

3. You have to mark only one answer otherwise it will be counted as wrong answer.

4. 0.25 mark will be deducted for each wrong answer.

5. Use blue/ black ink ball point pen for darkening the circles on the OMR answer sheet only. Do not use pencil.

6. Folding, wrinkling or putting any unwanted mark or damaging the OMR answer sheet is prohibited. The candidate will be responsible for invalidation of the OMR answer sheet by doing such deeds.

7. You have to hand-over the answered OMR sheet and the test booklet to the invigilator after the examination.

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DIRECTIONS for questions 1 to 3: Study the information below to answer these questions.

There are ten animals in a zoo — two each of Lions, Panthers, Elephants, Bears and Deer.

There are five enclosures namely A, B, C, D, and E in which these animals are to be housed.

Each enclosure is to be looked after by one of the five attendants namely Haritha, Likhita, Sunitha, Anitha, and Kavitha meeting the following conditions:

(i) Two animals of different species are to be housed in each enclosure. (ii) A Lion can't be together with a Deer. (iii) A Panther can't be with either a Deer or an Elephant. (iv) Anitha can attend to Elephant, Deer and Panther only. (v) Likhita attends to Lion and Panther. (vi) Haritha does not attend to Deer, Lion or Elephant. (vii) Enclosures A, B, C are allocated to Likhita, Haritha and Kavitha respectively. (viii) A and E enclosures do have one animal of the same Species. (ix) C and D enclosures have the same pair of animals.

1. The animals attended by Sunitha are
   A. Panther and Bear
   B. Deer and Elephant
   C. Lion and Panther
   D. Lion and Bear

2. Which animals are put up in enclosure 'C'?
   A. Lion and Panther
   B. Panther and Bear
   C. Deer and Elephant
   D. Lion and Bear

3. Which pair of animals is housed in enclosure 'E'?
   A. Elephant and Lion
   B. Lion and Bear
   C. Panther and Bear
   D. Lion and Panther

4. Among J, K, L, M and N, each one of them is of different heights, K is taller than only one person. M is shorter than only L. M is taller than J and N (both). Who among them is the third tallest?
   A. J
   B. N
   C. Either (A) or (B)
   D. Cannot be determined

5. Statement I: All cats are dogs

   Statement II: All rats are dogs

   Statement III: Some dogs are not lions

   Conclusion I: All rats can be lions
   Conclusion II: No rat being a cat is a possibility.

   A. Conclusion I only

B. Conclusion II only
C. Both the conclusions follow
D. Either conclusion I or conclusion II follows

6. Krishna Prapoorna faces towards north. Turning to his right, he walks 25 metres. He then turns to his left and walks 30 metres. Next, he moves 25 metres to his right. He then turns to his right again and walks 55 metres. Finally, he turns to the right and moves 40 metres. In which direction is he now from his starting point?

A. South West
B. North East
C. North West
D. South East

7. Statement: $G \leq L \geq O \geq W \geq I < N$

Conclusions: I. $I < L$   II. $L = I$

A. If only conclusion I is true.
B. If only conclusion II is true.
C. If neither conclusion I nor II is true.
D. If either conclusion I or II is true.

DIRECTIONS for questions 8 to 9: Study the information below to answer these questions.

In a tech exhibition, seven mobiles of seven different companies viz. Motorola, Sony, HTC, Oppo, Micromax, Lenovo and Apple were displayed in a row, facing north such that;

(I) Motorola was immediate right of Apple.

(II) Apple was fourth to the right of HTC.

(III) Oppo was between Sony and Lenovo

(IV) HTC, which was third to the left of Sony, was at one of the ends.

8. Which of the following was the correct position of Micromax?

A. Immediate right of Apple
B. Immediate left of Lenovo
C. Between Lenovo and Apple
D. Fourth to the right of Oppo

9. Which mobiles are on the immediate either sides of Motorola?
A. Apple and Micromax
B. Oppo and HTC
C. HTC and Micromax
D. Sony and Apple

10. B is the brother of A, S is the sister of B, E is the brother of D, D is the daughter of A, F is the father of S. Then, the uncle of E is?
A. A
B. B

C. Cannot be determined
D. D

11. If A: B = 3:4, then what is the value of the expression $(3A^2 + 4B) / (3A - 4B^2)$?

A. 43/55
B. – 43/55
C. 47/55
D. Cannot be determined.

12. The pair of linear equation $kx + 3y + 1 = 0$ and $2x + y + 3 = 0$ intersect each other, if

A. $k = 6$
B. $k = 0$
C. $k \neq 0$
D. $k \neq 6$

13. The cost of a diamond varies directly as the square of its weight. A diamond broke into four pieces with their weights in the ratio of 1:2:3:4. If the loss in total value of the diamond was Rs. 17,500/- what was the price of the original diamond?

A. 25,000
B. 28,000
C. 27,500
D. 30,000

14. Amresh and Samresh attempted to solve a quadratic equation. Amresh made a mistake in writing down the constant term and ended up in roots (4, 3). Samresh made a mistake in writing down the coefficient of x to get roots (3,2). The correct roots of the equation are
A. -4, -3
B. -6, -1
C. 4, 3
D. 6, 1

15. What is $(\cos^4 A - \sin^4 A) / (\cos^2 A - \sin^2 A) - 7 + (0.5)$ equal to?
A. Cos A – Sin A
B. 1
C. - 5.5
D. Cannot say

16. The area of two circular fields are in the ratio 16:49. If the radius of the bigger field is 14 m, then what is the diameter of the smaller field?
A. 8 m
B. 18 m
C. 16 m
D. 10 m

17. A tank is filled in 5 hours by three pipes X, Y and Z. The pipe Z is twice as fast as Y and Y is twice as fast as X. How much time will pipe X alone take to fill the tank?

A. 35 hours
B. 25 hours
C. 20 hours
D. None of these

(for question No. 18 to 20) The following table shows the number of new employees added to different categories of employees in a company and also the number of employees from these categories who left the company every year since the foundation of the Company in 1995.

| Year | Managers | | Technicians | | Operators | | Accountants | | Peons | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| | New | Left | New | Left | New | Left | New | Left | New | Left |
| 1995 | 760 | - | 1200 | - | 880 | - | 1160 | - | 820 | - |
| 1996 | 280 | 120 | 272 | 120 | 256 | 104 | 200 | 100 | 184 | 96 |
| 1997 | 179 | 92 | 240 | 128 | 240 | 120 | 224 | 104 | 152 | 88 |
| 1998 | 148 | 88 | 236 | 96 | 208 | 100 | 248 | 96 | 196 | 80 |
| 1999 | 160 | 72 | 256 | 100 | 192 | 112 | 272 | 88 | 224 | 120 |
| 2000 | 193 | 96 | 288 | 112 | 248 | 144 | 260 | 92 | 200 | 104 |

18. What was the total number of Peons working in the Company in the year 1999?
    A. 1312
    B. 1192
    C. 1088
    D. 968

19. What is the pooled average of the total number of employees of all categories in the year 1997?
    A. 1325
    B. 1195
    C. 1265
    D. 1235

20. During the period between 1995 and 2000, the total number of Operators who left the Company is what percent of total number of Operators who joined the Company?
    A. 19%
    B. 21%
    C. 27%
    D. 29%

21. In the month of December 2022, 'Alibag White Onion' was granted Geographical Indication (GI) tag.

    This product is associated with the state of

    A. Uttar Pradesh

    B. Madya Pradesh

    C. Maharashtra

    D. Orissa

22. e-NAM a flagship initiative hs won the Platinum awad in the Digital India Awards 2022. e-NAM is a flagship initiative of _____

    A. Ministry of Agriculture and Farmers Welfare

    B. Ministry of Home Affairs

C. Ministry of Education

D. Ministry of Defence

23. Khuang' is a traditional musical instrument of which Indian state?

    A. Nagaland

    B. Meghalya

    C. Manipur

    D. Mizoram

24. Mr. Nandu appeared for Junior Superintendent Level I examination. He is not able to read the question paper properly. From the option choose the best cause and correction of his problem.

    A. Myopia - Concave lens

    B. Hypermetropia - Concave lens

    C. Hypermetropia – Convex lens

    D. Myopia – Convex lens

25. Name of the sport person who won the Bronze Medal in Men's category in High- Jump event in CWG 2022.

    A. Tejaswin Shankar

    B. Shankar sharma

    C. Hari Shankar Roy

    D. Nishad Kumar

26. What is the name of the straight that separates the North and South Islands of New Zealand

    A. Cook straight

    B. Gibraltor Straight

    C. Staright of Hormuz

    D. None

27. PM AASHA is a name of Indian Government Scheme. Second letter A of AASHA stand for_____

    A. Aay

    B. Atamnirbhar

    C. Aam

    D. Adhikar

28. Which country has handed over the chairmanship of Wassenaar Arrangement to India in 2023?

    A. France

    B. Germany

    C. USA

    D. Ireland

29. The Red Cliff Committee was appointed to

    A. Solve the problem of minorities in India

    B. Give effect of the Independence Bill

C. Delimit the boundaries between India and Pakistan

D. None

30. Consider the following statements:

1. National Law Day is observed on November 24 in India.
2. 102$^{nd}$ amendment of the Indian Constitution is related to National Commission for Backward Classes.
Which of the statements given above is/are correct?

A. 1 only.

B. 2 only

C. Both 1 and 2

D. Cannot say

Q. 31 to 34: Choose incorrect part of the Sentence.

31. India is larger than / any democracies / in the world. / No error.
   (a)              (b)              (c)        (d)

A. (a)

B. (b)

C. (c)

D. (d)

32. The Celebrated grammarian Patanjali / was / a contemporary to Pushyamitra Sunga. / No error.
            (a)                    (b)              (c)                      (d)

A. (a)

B. (b)

C. (c)

D. (d)

33. His appeal for funds / met / a poor response. / No error.
   (a)                (b)        (c)          (d)

A. (a)

B. (b)

C. (c)

D. (d)

34. "I am tired of my employees", said the employer. "Both of them keep quarrelling all the time.
                        (a)                                        (b)

Right now also they are quarrelling with one another." No error.
            (c)                                        (d)

A. (a)

B. (b)

C. (c)

D. (d)

35. How <u>Hysterical</u> he is! (choose the nearest in meaning to the underlined word)

    A. Insincere

    B. Inconsistent

    C. Duplicitous

    D. Berserk

36. Find the synonyms for the Sanguine

    A. Hopeful

    B. Cruel

    C. Good for health

    D. Scornful remarks

37. The new student found it difficult to_____ with his classmates.

    A. get along

    B. get among

    C. get well

    D. get in

38. Follow Suit.

    A. someone's suit to be followed

    B. doing the same kind of mistake

    C. doing the same as someone else has just done

    D. attending the Court hearing regularly.

39. Cook the book.

    A. to record the false information in the accounts of an organization.

    B. to remove the wrong page from account book.

    C. to maintain the account book in standard manner.

    D. to correct the account book post audit objection.

40. There was a loud "THUMP" coming from downstairs. "THUMP, THUMP, THUMP!"

    A. Simile

    B. Metaphor

    C. Apostrophe

    D. Onomatopoeia

41. The minimum CGPA required for upgradation from PG program to Doctoral program at IIT is

    A. 7.5

    B. 8.0

    C. 8.5

    D. 9.0

42. What is the age criteria to file an RTI application?

    A. 18 years and above

    B. 21 years and above

    C. 16 years and above

    D. No age bar

43. Name of an apex body which will be created for fostering a strong research culture and building research capacity across higher education as per NEP 2020

    A. National Research Commission

    B. National Research Council

    C. National Research Foundation

    D. None Research Support Foundation

44. Which of the following e-repository is for doctoral research in Indian Universities

    A. INFLIBNET

    B. Shodhsagar

    C. Shodhmala

    D. Shodhganga

45. What is the name of the new entrance test conducted for all CU's?

    A. Central University Eligibility cum Entrance Test

    B. Common University Entrance Test

    C. Central University Common Entrance Test

    D. Common University Education Test

46. Rule 15 of the CCS(CCA) Rules,1965 is about?

    A. Action on inquiry report

    B. Procedure for imposing minor penalties

    C. Communication of Orders

    D. Common Proceedings

47. Can the Government recover its dues from the retirement gratuity/death gratuity?

    A. Yes

    B. Yes, only if the consent by the employee/nominee or family member is given.

    C. No

    D. Yes, only if the court of law so orders.

48. If a government servant dies while under suspension, the period of suspension will be:

    A. deducted from the length of service

    B. treated on duty

C. treated as leave without pay

D. treated as leave on medical grounds

49. Pro-forma promotion shall mean:

    A. Promotion to an officer under suspension

    B. promotion to an officer without having actual vacancy

    C. promotion to an officer serving outside his regular cadre

    D. providing only financial benefits arising out of promotion

50. Government employees covered under National Pension Scheme shall be eligible for the benefits of

    A. retirement gratuity only

    B. death gratuity only

    C. both retirement and death gratuity

    D. the NPS subscriber is not eligible for gratuity.

51. As per CCS (CCA) Rules, Appeal has to be preferred within_____days of receipt of the order appealed against, direct to the Appellate Authority.

    A. 15

    B. 30

    C. 45

    D. 60

52. Leave Not Due during the entire service is limited to a maximum_____days:

    A. 300

    B. 150

    C. 360

    D. 180

53. The time limit for drawing LTC advance is_____days in case of journey performed by train.

    A. 35

    B. 65

    C. 95

    D. 125

54. The time limit for (i) acknowledging and (ii) replying to each communication received from the Member of Parliament, a member of the public, a recognized association, or a public body is:

    A. (i) 15 days (ii) 15 days of acknowledgement

    B. (i) 7 days (ii) 7 days of acknowledgement

    C. (i) 15 days (ii) 30 days of acknowledgement

    D. (i) 10 days (ii) 10 days of acknowledgement

55. The Annual Reports and accounts of Private and Voluntary Organizations should be laid on the Table of the House where these organizations are receiving recurring Grants-in-aid to the tune of

    A. Rs. 20 lakh & above

    B. Rs. 25 lakh & above

    C. Rs. 50 lakh & above

    D. Rs. 1 crore & above

56. Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 came into force on?

    A. 10 January 2012

    B. 9 December 2013

    C. 2 January 2014

    D. 21 January 2013

57. On promotion, option for pay fixation from the date of accrual of normal increment is to be exercised within a period of

    A. Three months

    B. Six months

    C. One month

    D. One year

58. If both a man and his wife are Government servants, then are they entitled to HRA?

    A. Yes, if they live separately

    B. No

    C. Yes, both are entitled

    D. Yes, if one of them belongs to Group C service

59. An employee removed or dismissed from service may be allowed

    A. Pension

    B. Compassionate Allowance

    C. Subsistence Allowance

    D. None of these

60. Can the Government recover its dues from the retirement gratuity/death gratuity?

    A. Yes

    B. Yes, only if the consent by the employee/nominee or family member is given.

    C. No

    D. Yes, only if the court of law so orders.

61. Government employees covered under National Pension Scheme shall be eligible for the benefits of

    A. retirement gratuity only

    B. death gratuity only

    C. both retirement and death gratuity

    D. the NPS subscriber is not eligible for gratuity.

62. Child Care Leave (CCL) may not be granted for a period less than_____days at a time.

    A. 15

    B. 7

    C. 5

    D. 10

63. Can period of training before appointment be treated as duty for increment?

    A Not to be treated as duty

    B. Can be treated as duty only if followed by confirmation

    C. At the Discretion of Competent Authority

    D. Yes

64. On Normal Exit from NPS, when the lump-sum amount is payable:

    A. If the corpus is equal to or below 5 Lakh

    B. If the corpus is equal to or below 4 Lakh

    C. If the corpus is equal to or below 2.5 Lakh

    D. If the corpus is equal to or below 1.5 Lakh

65. All losses above the value of_____due to suspected fire, theft and fraud, etc., shall be invariably reported to the Police by the Government.

    A. ₹50,000

    B. ₹25,000

    C. ₹1,00,000

    D. ₹15,000

66. The department will set up a Review Committee for a project costing_____to review the progress of the work.

    A. Rs.50 Crore

    B. Rs.100 Crore

    C. Rs.50 Crore or above

    D. Rs.100 Crore or above

67. For procurement of Automobiles on GeM portal, the direct Purchase limit is _____

A. Rs.10 Lakh

B. Rs.20 Lakh

C. Rs.25 Lakh

D. Rs.30 Lakh

68. An item may be declared obsolete by the authority:

A. competent to purchase the item

B. higher to the authority competent to purchase

C. in consultation with the representative of the C&amp;AG

D. in-charge of the item

69. In QCBS Evaluation Methodology, the proposal with the following highest weighted score shall be selected:

A. Technical Evaluation score only

B. Financial Evaluation score only

C. Combined evaluation score (both technical and financial)

D. Any one of these.

70. In Incoterm CPT, Ocean/Air Freight is paid by_____.

A. Buyer

B. Seller

C. Both (A) and (B)

D. None of these

71. The delivery of sold scrap material has to be taken within_____calendar days from the date of the acceptance letter / Sale Order.

A. 15

B. 21

C. 30

D. 45

72. For procurement of non-consulting services of estimated value above_____, advertised tender should be adopted.

A. Rs.10 Lakh

B. Rs.20 Lakh

C. Rs.25 Lakh

D. Rs.30 Lakh

73. Surplus / obsolete / unserviceable goods of assessed residual value_____should be disposed of by advertised tender / public auction.

A. Above Rs.2 Lakh

B. Above Rs.5 Lakh

C. Up to Rs.5 Lakh

D. Less than Rs.5 Lakh

74. Contract Document, wherever necessary, should be executed within
_____ of the issue of letter of acceptance.

    A. 4 weeks

    B. 3 weeks

    C. 2 weeks

    D. 5 weeks

75. Price Variation Clause can be provided in contracts where the delivery period
extends beyond_____.

    A. 12 Months

    B. 15 Months

    C. 18 Months

    D. 24 Months

76. MSE quoting price within price band L-1 +_____percentage, when L1 is from someone other than MSE, shall be allowed to supply at least 25% of tendered value at L-1 subject to lowering of price by MSE to L-1.

    A. 20 %

    B. 25 %

    C. 10 %

    D. 15%

77. When there is a discrepancy between the Unit Price and Total Price in a Financial Bid, the _____Price shall prevail and_____Price corrected accordingly,

    A. Total Price, Unit Price

    B. Unit Price, Total Price

    C. Revised Financial Bid to be obtained from the bidder

    D. Financial Bid is to be rejected.

78. As per Public Procurement (Preference to Make in India) Order 2017, the Nodal Ministry or Department for category of items falling under "Scientific Lab and Test equipment" is

    A. Ministry of Electronics and IT

    B. Department of Heavy Industries

    C. Department of Science and Technology

    D. Department of Telecommunication.

79. What is license fee for Government Quarter type-VB (beyond 106 Sq. mtr. Area)

A. Rs. 1400

**B.** Rs. 1270

C. Rs. 1190

D. Rs. 1675

80. Which Rule of GFR 2017 contains "Delegation of Financial Powers"?

**A.** Rule 23

B. Rule 21

C. Rule 17

D. Rule 44

81. Travel by AC Ist class by rail on tour or transfer is permitted when the Grade Pay reaches

A. Pay level 5 and below in Pay Matrix

B. Pay level 6 to 9 in Pay Matrix

C. Pay level 10 and 11 in Pay Matrix

**D.** Pay level 12 and above in Pay Matrix

82. When does Liability to pay GST arise in case of supply of goods?

A. On raising of Invoice

B. At the time of supply of goods

C. On receipt of payment

**D.** Earliest of any of the above

83. Assessee's own contribution to the National Pension Scheme is eligible for a maximum deduction of ₹ ___ under section 80CCD (1B)

A. 100000

**B.** 50000

C. 75000

D. 25000

84. The amount of deduction towards health insurance premium paid by an individual (not being a senior citizen) is limited to Rs._____.

A. 10000

B. 20000

C. 50000

**D.** 25000

85. The cost of a Fixed Assets of a business has to be written off over its

   A. Natural Life

   B. Accounting Life

   C. Physical Life

   D. Estimated Economic Life

86. A medical officer of an autonomous body is drawing a basic pay in Level 10 at Rs. 61,300 during March. 2023. What will be quantum of NPA for this month?

   A.  Rs. 12,260

   B.  Rs. 15,325

   C.  Rs. 9,195

   D.  Rs. 6,130

87. Contingent Liability would appear

   A. On the liability side

   B. On the asset side

   C. As a note in Balance Sheet

   D. None of the above

88. When Sales = `1,80,000, Purchase = `1,60,000, Opening Stock = `34,000 and rate of the Gross Profit is 20% on cost, the Closing Stock would be

   A. Rs.50,000

   B. Rs.44,000

   C. Rs.46,000

   D. Rs.45,000

89. Receipts and payments Account records

   A. Only revenue nature receipts

   B. Only capital nature receipts and payment

   C. Only revenue nature receipts and payments

   D. Both the revenue and capital nature receipts and payments

90. Calculate the HRA exemption with the details of Salary Received -Rs.1538892/- per annum, HRA received Rs.100899 per annum and Rent paid Rs.210000

   A. Rs.56111

   B. Rs.100899/-

   C. Rs.153889

   D. Rs.210000

91. What is the format Schedule number for "Academic expenses" under formats of financial statements for Central higher educational Institutions ?

    A. Schedule 8

    B. Schedule 16

    C. Schedule 3

    D.  Schedule 21

92. Accounting standard_____deals with Employee Benefits?

    A. AS06

    B. AS12

    C. AS15

    D. AS21

93. What is the accounting treatment for Interest on Endowment/Earmarked funds earning during the FY2022-23?

    A. To be transferred to Income & Expenditure A/c

    B. To be transferred to Balance sheet as current liability

    C. To be transferred to Balance sheet as current asset

    D. To be transferred to Endowment/Earmarked funds

94. The final unit of Budget appropriation is

    A. Major Head

    B. Minor Head

    C. Primary Head

    D. Object head

95. Capital receipts accruing during the process of construction of a project, shall be classified as

    A. Revenue Receipt

    B. Misc. Receipt

    C. Contribution

    D. reduction of capital expenditure

96. The Accounting equation is presented as

    A. Assets =Capital + Liabilities

    B. Assets = Liabilities + [Capital+(Revenue- Expenses)-Drawings]

    C. Assets+ Expenses+ Drawings=Capital+ Liabilities+ Revenue

    D. All the above

97. What is rate of Honorarium payable to the enquiry officer (who is a retired officer) where number of witness cited in the charge sheet is more than 10?

    A.  An amount equal to 90% of the monthly basic pension

    B.  An amount equal to 70% of the monthly basic pension

    C.  An amount equal to 60% of the monthly basic pension

    D.  An amount equal to 50% of the monthly basic pension

98. How much percentage of the total GDP spends on the research and innovation in India at current time?

   A. 0.69 %

   B. 1.69%

   C. 3.25 %

   D. 2%

99. Can children Education allowance (CEA) to Divang Children not able to attend the School be reimbursed?

   A. No, availing education at school is must requirement for CEA allowance

   B. Yes, if production of payment receipt by teacher and self-certification by the Govt. employee about availing education at home

   C. Only up to the age of 18 years to Divang child

   D. May be by approval of the Competent Authority

100. The e-content generation for under–graduate courses has been assigned by the Ministry of Human Resource Development to

   A. INFLIBNET

   B. Consortium for Educational Communication

   C. National Knowledge Commission

   D. Indira Gandhi National Open University

SPACE FOR ROUGH WORK