Paper Code No: B04

ENTRANCE EXAMINATION – 2021 – 22

SET – C

Signature of Invigilator

Time: 1 Hour 30 Minutes

Total Marks: 100

Instructions to Candidates

1. Do not write your name or put any other mark of identification anywhere in the OMR Response Sheet. IF ANY MARK OF IDENTIFICATIONS IS DISCOVERED ANYWHERE IN OMR RESPONSE SHEET, the OMR sheet will be cancelled, and will not be evaluated.

2. **This Question Booklet contains the cover page and a total of 100 Multiple Choice Questions of 1 mark each.**

3. Space for rough work has been provided at the beginning and end. Available space on each page may also be used for rough work.

4. There is negative marking in Multiple Choice Questions. For each wrong answer, 0.25 marks will be deducted.

5. USE/POSSESSION OF ELECTRONIC GADGETS LIKE MOBILE PHONE, iPhone, iPad, pa ETC. is strictly PROHIBITED.

6. Candidate should check the serial order of questions at the beginning of the test. If any question found missing in the serial order, it should be immediately brought to the notice of the Invigilator. l pages should be torn out from this question booklet.

7. Answers must be marked in the OMR Response sheet which is provided separately. OMR Response sheet must be handed over to the invigilator before you leave the seat.

8. The OMR Response sheet should not be folded or wrinkled. The folded or wrinkled OMR/Response Sheet will not be evaluated.

9. Write your Roll Number in the appropriate space (above) and on the OMR Response Sheet. Any other details, if asked for, should be written only in the space provided.

10. There are four options to each question marked A, B, C and D. Select one of the most appropriate options and fill up the corresponding oval/circle in the OMR Response Sheet provided to you. The correct procedure for filling up the OMR Response Sheet is mentioned below.

CORRECT METHOD
Ⓐ ● Ⓒ Ⓓ

WRONG METHODS
Ⓐ⊗ⒸⒹ Ⓐ☑ⒸⒹ Ⓐ◑ⒸⒹ Ⓐ◉ⒸⒹ Ⓐ●Ⓒ⬤ Ⓐ●Ⓒ●
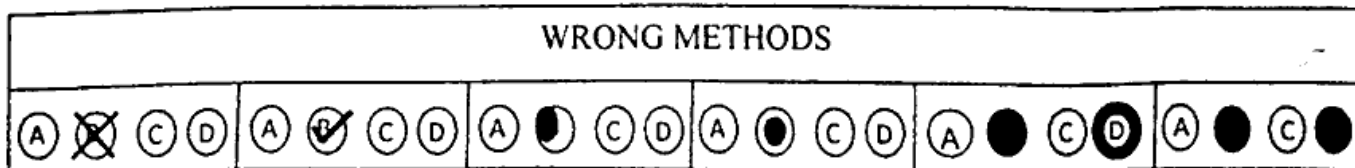
1. A startup that is privately-owned with a valuation exceeding $1 billion is called a

   A. unicorn
   B. bluechip
   C. meteoroid
   D. shooting star

2. As per the Andhra Pradesh Decentralization and Inclusive Development of All Regions Bill, 2020, Andhra Pradesh State will have _____, _____ and _____respectively as the executive, legislative and judicial capitals of the State.

   A. Amaravati, Visakhapatnam , Kurnool
   B. Kurnool , Visakhapatnam, Amaravati
   C. Visakhapatnam, Amaravati , Kurnool
   D. Kurnool, Amaravati , Visakhapatnam

3. Which of the following is not from P&G?

   1. Ariel
   2. Tide
   3. Surf Excel

   A. 1 only
   B. 2 only
   C. 3 only
   D. Both 1 and 2

4. Which of the following BECAME THE FIRST COUNTRY TO MAKE SANITARY PRODUCTS FREE

   A. Poland
   B. Sweden
   C. SCOTLAND
   D. Denmark

[3]

5. Which agency calculate Television rating points (TRP) in India?

    A. BARC   B. RatingPlus

    C. AITR   D. TAM

6. _____ is a concept of transparent allocation of resources or items of business

    in a free market to the best bidder for optimum utilization .

    A. Pricing theory   B. Nudge theory

    C. Auction theory   D. Equilibrium theory

7. Which of the following is not a Public Sector Undertaking?

    A. ONGC   B. NTPC

    C. BHEL   D. DHFL

8. Which of the following is not a credit rating agency?

    A. CRISIL   B. ICRA

    C. FTSE   D. CARE

9. Sensex, which is the benchmark stock index of BSE, is based on

    A. 20 companies   B. 30 companies

    C. 50 companies   D. 100 companies

[4]

10. LLP stands for

    A.   loan against leased property   B.   loss linked provisions

    C.   limited liability partnership   D.   least lumpsum payment

11. Which of the following is not an operating expense?

    A.   Salary   B.   Depreciation

    C.   Interest   D.   Administrative overheads

12. Who among the following was not an economist?

    A.   Peter Drucker   B.   Alfred Marshall

    C.   Adam Smith   D.   J. M. Keynes

13. Which is the most appropriate sequence of the management process?

    1.   Organizing   2.   Planning

    3.   Controlling   4.   Directing

    A.   1, 2, 3, 4   B.   2, 1, 4, 3

    C.   2, 4, 1, 3   D.   4, 2, 3, 1

14. Which of the following is not an asset for business ?

    A.   Patents   B.   Debtors

    C.   Prepaid expenses   D.   Profit

[5]

15. Identify the one which is different in terms of main functions.

    A.   World Bank   B.   IMF

    C.   WTO   D.   ADB

16. Match the following

List A		List B	
P:	Zomato	X:	V. K. Sharma
Q:	Dreaml 11	Y:	Harsh Jain
R:	PayTM	Z:	Deepinder Goyal

    A.   PX, QY, RZ   B.   PZ, QY, RX

    C.   PY, QX, RZ   D.   PY, QZ, RX

17. Zerodha is

    A.   a merchant bank

    B.   a stock broking firm

    C.   'a deemed university

    D.   a data vending partner of National Stock Exchange

18. Debentures are

    A.   riskier than equity shares   B.   issued by banks only

    C.   fixed income instruments   D.   always issued at a discount

[6]

19. Find the odd one out.

    A.   Nifty 50   B.   S&P500

    C.   Shanghai Composite   D.   Tencent

20. Find the odd one out.

    A.   Balance sheet   B.   Income statement

    C.   Cash flow statement   D.   Statement of reconciliation

21. Which of the following is inconsistent compared with others.

    A.   Ignore : Overlook   B.   Condense : Expand

    C.   Kindle : Extinguish   D.   Cordial : Hostile

22. Vigilant : Alert : : Viable : ?

    A.   Active   B.   Gentle

    C.   Feasible   D.   Useful

Directions (Questions 23 to 24): In each of the following sentences, a part of the sentence is underlined. Beneath each sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative from among the four

23. I want Prakash and <u>she to be the house captains</u> for the rest of the year.

    A.   she to be the house captains   B.   her to be the house captains

    C.   she to lead the project   D.   her as the house captains

[7]

24. It is often better <u>to try repairing an old vehicle than to junk it.</u>

   A. to try repairing an old vehicle than to junk it.

   B. to repair an old vehicle than to have it junked.

   C. to try repairing an old vehicle than to junking it.

   D. to try to repair an old vehicle than to junk it.

25. Pick out the most effective pair of words from the given pair of words to make the sentence/sentences meaningfully complete.

   The teacher must _____ the unique style of a learner in order to _____ it to the desired knowledge.

   A. advocate, direct   B. perpetuate , develop

   C. appreciate, focus   D. absorb, maintain

26. Pick out the most effective pair of words from the given pair of words to make the sentence/sentences meaningfully complete.

   A good management will decide not only the _____ for equipment but also its _____ for deciding priorities .

   A. need, urgency   B. usefulness, utility

   C. cost, value   D. requirement, necessities

27. I _____ working all afternoon and have just finished the assignment.

   A. have been   B. had been

   C. shall be   D. am

[8]

28. Choose the correct sentence.

   A. Kid's health depend on eating enough vegetables.

   B. If the weather will be bad, we will not go to the mall.

   C. I am waiting for you since 7 o'clock.

   D. The earth revolves around the sun.

29. Choose the correct sentence.

   A. I have woken up at 6 o'clock this morning

   B. I didn't pay my electricity bill yet.

   C. She cycled to Ben's house last night.

   D. We were playing games in the park in the summer.

30. Choose the correct sentence.

   A. Me and Ben went to the market yesterday.

   B. Let's keep this between you and I.

   C. If you are focused, most people will be able to achieve their dreams.

   D. We wanted to learn swimming from a coach but we found out that we can learn online.

31. Which is the most appropriate sequence?

1: holding the additional charge of the Textiles Ministry ,

2: with the Commerce Minister

3: diverted to encourage exports of labour intensive textiles

4: it is likely that more funds will be

A.	2143	B.	2341
C.	4132	D.	3412

32. Which is the most appropriate sequence?

1: If

2: on short-term returns,

3: you assess your advisor

4: he will use riskier products

5: which could result in losses

6: to generate them,

A.	132645	B.	132465
C.	142365	D.	142356

35. 1. The ship before we got there.

   A. had sink   B. had sank

   C. had sunk   D. sank

36. Which of the following is/are correct?

   1. The school board discussed about expelling the student.

   2. She requested my assistance on her assignment.

   3. We demanded for his appearance in court last week.

   A. 1 only   B. 2 only

   C. 1 and 3   D. 2 and 3

37. Which of the following is/are correct?

   1. I hardly don't know anyone in the church.

   2. Albert Einstein is called as genius.

   3. The lady confidently spoke to the tough guy.

   A. 1 only   B. 2 only

   C. i, 2 and 3   D. None of these

38. Which of the following is NOT correct?

   A. Not only did she hug him, but also kissed him.

   B. You look as though you have seen a monster!

   C. You had better work hard lest you should not become poor.

   D. Other than sleeping late, I love studying.

[12]

39. He asked me whether either of the applicants _____ suitable.

   A.   is

   B.   was

   C.   are

   D.   were

40. Which of the following is/are correct?

   1.   Much pains has been taken.

   2.   The means employed by you is sufficient.

   3.   Many a man has done so.

   A.   1 only

   B.   2 only

   C.   1, 2 and 3

   D.   2 and 3

41. If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

   A.   50 km

   B.   56 km

   C.   70 km

   D.   80 km

42. A train can travel 50% faster than a car. Both start from point A at the same time and reach point B 75 kms away from A at the same time. On the way, however, the train lost about 12.5 minutes while stopping at the stations. The speed of the car is:

   A.   100 kmph

   B.   110 kmph

   C.   120 kmph

   D.   130 kmph

43. In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

    A. 30%   B. 70%

    C. 100%   D. 250%

44. Profit after selling a commodity for Rs. 425 is same as loss after selling it for Rs.355. The cost of the commodity is:

    A. Rs. 385   B. Rs. 390

    C. Rs. 395   D. Rs. 400

45. Raj's age is 4 times that of Sara, his cousin. 3 years back, Raj was 5 times as old as Sara. What is his present age?

    A. 12 years   B. 16 years

    C. 24 years   D. 48 years

46. Referring to his two sons Aman and Sahil, their father says - 12 years ago, Aman was 3 times as old as Sahil. 12 years later, ratio of ages of Sahil and Aman will be 2:3. What is the present age of Aman?

    A. 24 years   B. 36 years

    C. 54 years   D. 144 years

[14]

47. The average age of three boys is 15 years and their ages are in proportion 3:5:7. What is the age in years of the youngest boy?

A. 9

B. 12

C. 15

D. 18

48. The average of 10 numbers is 23. If each number is increased by 4, what will the new average be?

A. 23

B. 25

C. 27

D. 29

49. A Stationery seller had some Pens, Sharpeners, Erasers & Pencils. He sells 65% of the total units and still has 175 units. Originally, he had:

A. 588 units

B. 400 units

C. 272 units

D. 500 units

50. The total population of a village increased from 1,80,00 to 22,500 in a decade. The average percentage increase of population per year of that village is:

A. 2.37%

B. 2.5%

C. 3.6%

D. 6.75%

51. Two numbers are in the ratio 3 : 4. If the sum of numbers is 63, find the numbers.

A. 26, 37

B. 27, 36

C. 20, 43

D. 23, 40

[15]

52. If $2A = 3B = 4C$, find $A : B : C$

    A.   6:4:3   B.   8:5:2

    C.   9:6:3   D.   6:3:4

53. An integer is 10 more than its one-third part. The integer

    A.   15   B.   12

    C.   18   D.   25

54. If one-third of one-fourth of a number is 15, then three-tenth of the number is

    A.   36   B.   45

    C.   54   D.   35

55. A, B and C can do a piece of work in 24 days, 30 days and 40 days respectively. They began the work together but C left 4 days before the completion of the work. In how many days was the work completed?

    A.   11 days   B.   12 days

    C.   13 days   D.   14 days

56. Suppose that today is Monday. After 61 days, it will be:

    A.   Wednesday   B.   Saturday

    C.   Tuesday   D.   Thursday

[16]

57. Two taps can separately fill a cistern in 10 minutes and 15·minutes respectively and when the waste pipe is open, they can together fill it in 18 minutes. The waste pipe can empty the full cistern in?

   A.   7 mins

   B.   9 mins

   C.   13 mins

   D.   23 mins

58. If all the four sides of a square are doubled, its area will

   A.   double

   B.   be eight times the original area

   C.   quadruple

   D.   be sixteen times the original area

59. Sara discarded 20% of the products as they were defective. By how much should she increase the selling price of the remaining products so that the profit is unaffected?   https://www.jamiastudy.com

   A.   20%

   B.   25%

   C.   33%

   D.   50%

60. One share of XYZ Ltd is currently selling for Rs 288. 2 years back, it was trading at Rs 200. The annual growth rate in the price is

   A.   20%

   B.   25%

   C.   44%

   D.   88%

Entrance Examination – 2021 - 22

61. Pointing to a photograph of a boy Mr. Shan said, "He is the son of the only son of my mother." How is Mr. Shan related to that boy?

   A. Brother   B. Uncle

   C. Cousin   D. Father

62. Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?

   A. Brother   B. Nephew

   C. Uncle   D. Son-in-law

Directions (Q63 and Q64) Read the following information and answer the questions.

K, L, M, N, O, P and Q are sitting on a circular dining table for dinner

Q is not between P and M

O is neighbour of K and N

L is second to the left of Q

P is to the immediate right of K

63. Which of the following are sitting next to each other:

   A. Lk   B. ML

   C. NO   D. QN

[18]
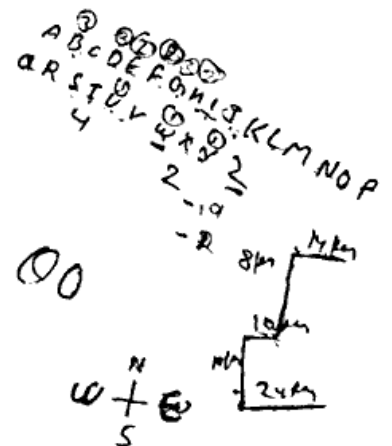
64. Where is P sitting?

    A. Second to the left of M   B. Second to the right of M

    C. Immediate left of K   D. Immediate right of L

65. Which term comes next in the series: YEB, WFD, UHG, SKI?

    A. QOL   B. QGL

    C. TOL   D. QNL

66. Find the missing.

J2Z, K4X, I7V, ?, H16R, M22P

    A. I 11 T   B. L11S

    C. L12T   D. L11T

67. Ajay walks 24 km towards East and turns to right hand side and takes a drive of another 10 km. He then turning to his right (drives towards West) another 10 km. He then turns to his left & walks another 8 km. After that, he turns to his right & travels 14 km. How far is he from his initial point & in which direction?

    A. 20 km East   B. 18 km south

    C. 16 km West   D. 10 km South

68. Sandeep walks 60m to the east, then he turns left and walks for 50 m, then turns right and went 70 m and then turns right again and went 50 m. How far was Sandeep from the starting point?

A. 90 m
B. 70 m
C. 50 m
D. 130 m

69. Read the following statements and choose the most appropriate conclusion(s) that follow.

Statements:

1. Some Nests are Kites
2. All Kites are Pots
3. All Pots are Chips
4. Some Chips are Buses

Conclusions:

1. Some Buses are Kites ✗
2. Some Chips are Nests ;
3. No Bus is a Kite ✓
4. Some Chips are Kites Options:

A. Only 2,3 and 4
B. Only either 1 or 3 and 2 and 4
C. Only either 1 or 4 and 2
D. Only 1,2 and 4

70. Read the following statements and choose the most appropriate conclusion(s) that follow.

Statements:

1. All Bulbs are Bottles

2. No Bottle is Cable

3. Some Cables are Papers

Conclusions :

1. Some Papers are Cables ↙

2. Some Bottles are Bulbs

3. Some Pins are Bottles

4. Some Cables are Bulbs Options:

A. All of the above   B. Only 3

C. Only 1 and 2   D. None of the above

71. If P denotes ÷ Q denotes x, R denotes + and S denotes -, then what is the value of
18 Q 12 P 4 R 5 S 6 ?

A. 53   B. 59

C. 63   D. 65

72. Which of the following letters would come next in the series of letters? Z, W, R, K, _

A. A   B. C

C. B   D. D

73. 'X + Y' means 'X is the father of Y'. 'X - Y' means 'X is the wife of Y', 'X × Y' means 'X is the brother of Y', $X \prod Y$ means ,'X is the mother of Y' and 'X = Y' means 'X is the sister of Y'. On the basis of this information, what does X + Y - Z mean?

    A.   X is the father-in-law of Z   B.   Z is the father of X

    C.   Z is the neice of X   D.   X is the brother of Z

74. Let A, B and C represent people who like apples, bananas, and carrots respectively. The number of people in A = 10, B = 12 and C = 16. Three people are such that they enjoy apples, bananas as well as carrots. Two of them like apples and bananas. Let three people like apples and carrots. Also, four people are such that they like bananas and carrots. Answer the following questions:

    How many people like apples only?

    A.   2   B.   7

    C.   4   D.   11

75. Newspaper : Press : : Cloth : ?

    A.   Tailor   B.   Textile

    C.   Fibre   D.   Mill

Directions (Questions 76 to 80): Read the following information carefully and answer the questions.

There are six teachers A, B, C, D, E and F in a school. Each of the teachers teaches two subjects, one compulsory subject and the other optional subject. D's optional subject was History while three others have it as compulsory subject. E and F have Physics as one of their subjects. F's compulsory subject is Mathematics which is an optional subject of both • C and E. History and English are A's subjects but in terms of compulsory and optional subjects, they are just reverse of those of D's. Chemistry is an optional subject of only one of them. The only female teacher in the school has English as her compulsory subject.

76. What is C's compulsory subject ?

    A. History   B. Physics

    C. Chemistry   D. English

77. Who is a female member in the group ?

    A. A   B. B

    C. C   D. D

78. Which of the following has same compulsory and optional subjects as those of F's ?

    A. D   B. B

    C. A   D. None of these

[23]

Entrance Examination – 2021 - 22

79. Disregarding which is the compulsory and which is the optional subject, who has the same two subject combination as F?

    A. A   B. B

    C. E   D. D

80. Which of the following groups has History as the compulsory subject ?

    A. A. C, D   B. B. C, D

    C. C, D   D. A. B. C

81. Which of the following is/are not categorised as fixed asset(s)?

    1. Furniture   2. Patents

    3. Debtors   4. Cash

    A. 2 only   B. 1 and 2

    C. 3 only   D. 3 and 4

82. Which is the largest producer of pulses in the world?

    A. India   B. Argentina

    C. Brazil   D. China

83. A reclining Buddha statue or image represents The Buddha-

    A. during his last illness,   B. during his first sermon

    C. at the time of enlightenment D. welcoming his disciples

[24]

84. Satpura Tiger Reserve, which has recently been included in the tentative list of UNESCO WORLD HERITAGE SITES, is located in:

A. Andhra Pradesh

B. Karnataka

C. Madhya Pradesh

D. Jharkhand

85. WPI stands for

A. Wealth Performance Index

B. Wholesale Price Index

C. World Producer's Index

D. Wi-Fi Penetration Index

86. _____ is the only state in India that has uniform civil code

A. Karnataka

B. Kerala

C. Goa

D. Trilangana

87. Which of the following has floated its own Central Bank backed digital currency in 2021?

A. China

B. Poland

C. Switzerland

D. Russia

88. Who is the chief designer of the game PUBG?

A. Kim Chang-han

B. Brendan Greene

C. Jang Tae-seok

D. Tom Salta

[25]

89. Blue Economy is related to

    A.   sustainable use of ocean resources.

    B.   innovative use of information technology

    C.   use of modern technology in agriculture

    D.   barrier free international trade

90. The provisions of CSR requires every qualifying company to spend at least

    _____ of its average net profit (Profit before taxes) for the immediately

    preceding 3 financial years on CSR activities in India.

    A.   1%   B.   2%

    C.   5%   D.   7.5%

91. Bad bank is

    A.   a special type of financial institution that buys the debtors of the bank and

         attempts to recover the debts.

    B.   a bank which does not follow all the guidelines issued by RBI.

    C.   a bank where default rate by borrowers is more than the industry average.

    D.   a bank which fails to implement international guidelines.

92. Whistle blowing is the act of

    A. drawing attention or reporting insider knowledge of illegal activities occurring in an organization

    B. raising funds through issue of a special class of equity shares.

    C. dismissing employees for misconduct.

    D. providing misleading information to consumers.

93. As per the INDIA INNOVATION INDEX 2020, _____ got the first place and _____ got the last place among Indian states.

    A. Tamil Nadu, Bihar   B. Maharashtra, Jharkhand

    C. Karnataka, Bihar   D. Karnataka , Jharkhand

94. Which of the following is not a trans-border river flowing from China to India?

    A. Brahmaputra   B. Sutlej

    C. Indus   D. Godavari

95. Which of the following is not a member of the European Union?

    A. Greece   B. Finland

    C. The United Kingdom   D. Sweden

[27]

96. Which country has the highest installed renewable energy capacity?

    A.   China   B.   The United States

    C.   Germany   D.   India

97. The largest source of Ammonia emissions is

    A.   agriculture (including animal husbandry)

    B.   vehicular emissions

    C.   forest fires

    D.   industrial processes

98. PM WANI scheme is related to

    A.   Wi-Fi   B.   Water conservation

    C.   Piracy   D.   Agriculture

99. To honour the achievements of the legendary mathematician_____, his birth anniversary i.e. 22 December is celebrated as National Mathematics Day.

    A.   Aryabhata   B.   Srinivasa Ramanujan

    C.   P.C. Mahalanobis   D.   C.R. Rao

[28]

100. Which of the following is not included in construction of Human Development Index (HDI)?

A. Life Expectancy   B. Education

C. Gross National Income   D. Unemployment rate

Entrance Examination – 2021 - 22

B04 SET – C