Railway NTPC Pre

Read the following instructions carefully before you begin to attempt the questions.

INSTRUCTIONS TO CANDIDATE

(1) This booklet contains **100 Questions** in all comprising the following **Three** parts.

Part-(I) : General Awareness	(40 Questions)	
Part-(II) : Mathematics	(30 Questions)	
Part-(III) : General Intelligence and Reasoning	(30 Questions)	

(2) All the questions are compulsory and carry equal marks.

(3) Before you start to attempt the questions, you must explore this booklet and ensure that it contains all the pages and find that no page is missing or replaced. If you find any flaw in this booklet, you must get it replaced immediately.

(4) **Each question carries negative marking also as 1/3 mark will be deducted for each wrong answer.**

(5) You will be supplied the Answer-sheet separately by the invigilator. You must complete the details of Name, Roll number, Test name/Id and name of the examination on the Answer-Sheet carefully before you actually start attempting the questions. You must also put your signature on the Answer-Sheet at the prescribed place. These instructions must be fully complied with, failing which, your Answer-Sheet will not be evaluated and you will be awarded 'ZERO' mark.

(6) Answer must be shown by completely blackening the corresponding circles on the Answer-Sheet against the relevant question number by **Black/Blue ball pen** only.

(7) A machine will read the coded information in the OMR Answer-Sheet. In case the information is incompletely/ different from the information given in the application form, the candidature of such candidate will be treated as cancelled.

(8) The Answer-Sheet must be handed over to the Invigilator before you leave the Examination Hall.

(9) Failure to comply with any of the above Instructions will make a candidate liable to such action/penalty as may be deemed fit.

(10) Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any question.

(11) Mobile phones and wireless communication device are completely banned in the examination halls/rooms. Candidates are advised not to keep mobile phones/any other wireless communication devices with them even switching it off, in their own interest. Failing to comply with this provision will be considered as using unfair means in the examination and action will be taken against them including cancellation of their candidature.

(12) No rough work is to be done on the Answer-Sheet.

(13) No candidate can leave the examination hall before completion of the exam.

NAME OF CANDIDATE:...................................... DATE :...................... CENTRE CODE :................. ROLL №..	Maximum Marks : 100 Total Questions : 100 Time Allowed : 90 Min.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

OGV-884211306-E

General Awareness

1. The process of cellular waste disposal relies on which of the following?
(A) Ribosomes   (B) Mitochondria
(C) Lysosomes   (D) Golgi Complex

2. In computing, a _____ key is a special key (or combination) on a computer keyboard that temporarily modifies the normal action of another key when pressed together.
(A) Primary   (B) Foreign
(C) Modifier   (D) Secondary

3. The Salar Jung Museum is located in which of the following cities?
(A) Mumbai   (B) Hyderabad
(C) Madurai   (D) Guwahati

4. The Chief Election Commissioner of India holds office for a period of maximum_____ years.
(A) Five   (B) Four
(C) Three   (D) Six

5. The Mundra Port is located in which of the following states?
(A) Maharashtra   (B) Kerala
(C) Gujarat   (D) Odisha

6. India shares longest border with which of the following countries?
(A) Sri Lanka   (B) Pakistan
(C) Nepal   (D) Bangladesh

7. Which of the following states in India does not have a legislative Council?
(A) Karnataka   (B) Uttar Pradesh
(C) Maharashtra   (D) Chhattisgarh

8. Who has won the 2024 Men's AFC U23 title?
(A) Japan   (B) Uzbekistan
(C) Qatar   (D) Iraq

9. What does the word 'Secular' means in Indian Constitution?
(A) Equal treatment of all religions by the state
(B) Avoid concentration of wealth in a few hands
(C) Government is vested in the hands of the people
(D) Head of the state is not a hereditary monarch

10. Who among the following was founder of Lodi Dynasty?
(A) Sikander Lodi   (B) Ibrahim Lodi
(C) Bahlol Lodi   (D) Khazir Lodi

11. Pottery appeared in which of the following ages?
(A) Palaeolithic   (B) Mesolithic
(C) Neolithic   (D) Chalcolithic

12. Isobars are atoms that have same _____.
(A) Mass number   (B) Atomic number
(C) Electrons   (D) Protons

13. Which Governor-General of India passed Widow Remarriage Act?
(A) Lord Dalhousie   (B) Lord William Bentinck
(C) Lord Warren Hastings (D) Lord Cornwallis

14. In Lok Sabha, not more than ___ members of the Anglo-Indian Community to be nominated by the Hon'ble President, if, in his/her opinion, that community is not adequately represented in the House.
(A) Three   (B) Seven
(C) Five   (D) Two

15. "Adi Granth" is the religious book of whom among the following?
(A) Hindus   (B) Sikhs
(C) Janis   (D) Buddhists

16. Which country in May 2024 launched the Chang'e 6 probe to bring back soil from the dark side of the Moon?
(A) Japan   (B) China
(C) USA   (D) India

17. ____is a condition characterised by general weakness, anaemia, gingivitis (gum disease), and skin haemorrhages caused by a prolonged deficiency of vitamin C (ascorbic acid) in the diet.
(A) Beriberi   (B) Goitre
(C) Scurvy   (D) Rickets

18. Which of the following is not a Zaid crop?
(A) Watermelon   (B) Bitter Gourd
(C) Cucumber   (D) Groundnut

19. The Pascal's Principle is related to?
(A) Waves   (B) Sound
(C) Pressure   (D) Gravity

20. ____ tissue in animals is specialized connective tissue that functions as the major storage site for fat in the form of triglycerides.
(A) Adipose   (B) Epithelial
(C) Areolar   (D) Reticular

21. NH-24 connects Delhi to which of the following cities?
(A) Agra   (B) Patna
(C) Lucknow   (D) Jaipur

22. Which of the following bill is presented immediately after Budget in India?
(A) Finance Bill   (B) Contingency Bill
(C) Direct tax Bill (D) Indirect taxes Bills

23. Which country host the 2nd session of the India-Nigeria Joint Trade Committee held?
(A) Ghana   (B) Kenya
(C) Nigeria   (D) Cameroon

24. _____ is the quality that allows us to classify a sound as relatively "high"; or "low".
(A) Pitch   (B) Amplitude
(C) Echo   (D) Intensity

25. Rouble is the currency of?
(A) Poland   (B) Russia
(C) Sudan   (D) North Korea

26. Which Governor General abolished Sati Pratha in India?
(A) Lord Cornwallis   (B) Warren Hastings
(C) Lord William Bentinck (D) Lord Wellesley

27. Which of the following soil is most suitable for production of cotton?
(A) Alluvial soil   (B) Black soil
(C) Laterite soil   (D) Red soil

28. The Sundarbans National Park is located in which of the following states?
(A) Jharkhand   (B) Maharashtra
(C) Madhya Pradesh   (D) West Bengal

29. When is World Organ Donation Day celebrated every year?
(A) 13 August   (B) 14 August
(C) 10 August   (D) 07 August

30. In driving a car which type of mirror would you like to use for observing traffic at your back?
(A) Concave Mirror   (B) Spherical Mirror
(C) Convex Mirror   (D) Plain Mirror

31. Who built the famous rock cut Kailasha Temple at Ellora?
(A) Mauryas   (B) Cholas
(C) Chalukyas   (D) Rashtrakutas

32. Thang Ta folk is a special dance form is of which state?
(A) Mizoram   (B) Nagaland
(C) Meghalaya   (D) Manipur

33. Where was the first Buddhist Council held?
(A) Pataliputra   (B) Vaishali
(C) Kashmir   (D) Rajgriha

34. The Slogan 'Swaraj is my birth right and I shall have it' was given by whom among the following?
(A) Bal Gangadhar Tilak
(B) Bhagat Singh
(C) BR Ambedkar
(D) Chandra Shekhar Azad

35. What is the capital of Netherlands?
(A) Malahide   (B) Amsterdam
(C) Hobart   (D) Dublin

36. The "Xylem" in plants is responsible mainly for which of the following?
(A) Transportation of food
(B) Transportation of amino acids
(C) Transportation of water
(D) Transportation of oxygen

37. Article 14 of Indian Constitution guarantees equality before law and equal protection of law to which of the following?
(A) All persons living within the territory of India
(B) All Indian citizens living in India
(C) All persons domiciled in India
(D) All persons natural as well acquired citizens

38. The 'Black Box' of an aeroplane is of which colour?
(A) White Colour   (B) Red Colour
(C) Black Colour   (D) Orange Colour

39. Diskit monastery, in Ladakh lies the banks of which river?
(A) Nubra River   (B) Shyok river
(C) Indus River   (D) Ravi River

40. _____ majority refers to the majority of more than 50% of the total strength of the house.
(A) Special   (B) Effective
(C) Absolute   (D) Simple

Mathematics

41. The internal angle bisectors of triangle PQR meet at point O. If angle PQR = 60° and angle PRQ = 20°, find the measure of the greatest angle formed at O by the angle bisectors.
(A) 110°   (B) 140°
(C) 120°   (D) 150°

42. If $2 \times \cos A - \sec A = -1$ and $\cos A > -1$, then what is the value of $\sin (A/2)$?
(A) 1/2   (B) 3/2
(C) 1   (D) $1/\sqrt{2}$

43. A man bought twelve side bags for Rs. 250 each and seven handbags for Rs. 450 each. If he sold all of them at a reasonable price of Rs. 350 each, then what would be his overall profit / loss percentage?
(A) 7.20% profit   (B) 8.13% loss
(C) 8.13% profit   (D) 7.80% loss

44. Two trains A and B are running at a speed of 87 km/hr and 92 km/hr, respectively in the same direction. If the length of train A and train B are 580 m and 520 m, respectively and both trains are 1.4 km apart, then find the time taken by train B to cross train A.
(A) 24 minutes   (B) 30 minutes
(C) 60 minutes   (D) 48 minutes

45. Ravi walks towards his home, which is 600 m away at his usual speed of 1.5 m/s. If he walks towards his home at an increased speed of 2 m/s, then how early would he reach his home than his usual time?
(A) 78 seconds   (B) 120 seconds
(C) 100 seconds   (D) 90 seconds

46. What is the simplified form of $\cot^{-1} ((\sin u + \sin v) / (\cos u + \cos v))$?
(A) $\tan ((u + v) / 2)$ (B) $\cot ((u + v) / 2)$
(C) $90 + ((u + v) / 2)$ (D) $90 - ((u + v) / 2)$

47. In the given figure, O is the center of the circle and angle AOB = 130°. If angle CFA = 35° and chord AD bisects angle CAB, what is the measure of angle AEB?
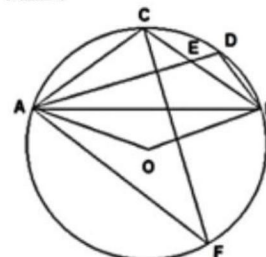
(A) 130°   (B) 140°
(C) 115°   (D) 120°

48. ABCD is a cyclic trapezium in which BC parallel to AD, AB = 13 cm, and AC = 37 cm. If the height of the trapezium is 12 cm, then find the area of the trapezium ABCD.
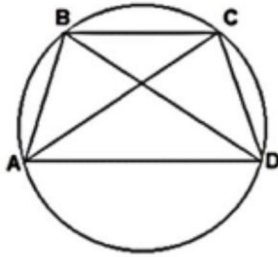
(A) 420 cm^2 (B) 440 cm^2
(C) 480 cm^2 (D) 390 cm^2

49. Two circles of same radius 'r' intersect each other at two points such that the center of one circle lies on the circumference of the other. If the shortest distance between their common points is 51 cm, then find the value of 'r'.
(A) 25.5 cm   (B) 17√3 cm
(C) 17 cm   (D) 19 cm

50. A and B together can complete a work in 24 days. If both start the work together and B does 3/4th of the total work, then in how many days will A alone complete the entire work?
(A) 96 days   (B) 54 days
(C) 72 days   (D) 48 days

51. A hollow cylinder of height 25 cm is unwrapped to get a rectangle of dimensions 88 cm × 25 cm. Find the volume of the cylinder.
(A) 12600 cm^3 (B) 15400 cm^3
(C) 16400 cm^3 (D) 14800 cm^3

52. An automobile is sold for Rs. 210000 at a profit of 75%. What would have been the profit percentage, if it was sold for Rs. 240000?
(A) 80%   (B) 87.50%
(C) 90%   (D) 100%

53. When a number is divided by 63, the remainder comes out to be 58. If the same number is divided by 21, then what will be the remainder?
(A) 18   (B) 13
(C) 16   (D) 11

54. The ratio of the salaries of A and B is 9 : 8, respectively. If both of them get incremented by Rs. 30000, the new ratio becomes 10:9. What is the new salary of B?
(A) Rs. 270000   (B) Rs. 240000
(C) Rs. 300000   (D) Rs. 330000

55. The difference between the amount of simple interest received on a certain sum at the end of 2nd and 3rd year is Rs. 2700. If the amount received at the end of the fourth year is Rs. 55800, then find the rate of simple interest.
(A) 5%   (B) 6%
(C) 7.5%   (D) 8%

56. The ratio of the amounts received on a certain sum invested compounding annually at the end of 1st year and at the end of 2nd year is 20:21. If the amount received at the end of the 3rd year is Rs. 74088, find the original sum invested.
(A) Rs. 58000   (B) Rs. 64000
(C) Rs. 54000   (D) Rs. 72000

57. The average pocket money of a class of 29 students is Rs. 40. If a new student takes admission in the class, then the new average pocket money increases by Rs. 1. How much pocket money does the new student get?
(A) Rs. 50   (B) Rs. 48
(C) Rs. 64   (D) Rs. 70

58. Purvi is standing between two towers I and II, the angles of depression of Purvi from the top of towers I and II are 60^0 and 45^0, respectively. If the length of the tower I is 6√3m and the distance between both towers is 14 m, then find the length of the tower II.
(A) 8 m   (B) 8√3 m
(C) (14 - 6√3) m   (D) (14 - 8√3) m

59. If √q + (1/√q) = 7, then what is the value of [q^2 + (1/q^2)]?
(A) 1737   (B) 2022
(C) 47   (D) 2207

60. If (p + q + r) = 0, then find the value of {(p^2 / qr) + (q^2 / pr) + (r^2 / pq)} / 3.
(A) 1   (B) 3
(C) 1/3   (D) Cannot be determined

61. If each side of a square is increased by 20%, what will be the percentage increase in its original area?
(A) 30%   (B) 37%
(C) 44%   (D) 47%

Directions (62-65): Answer the questions based on the information given below.

The pie-chart below shows the information about percentage of runs scored by a team in a test match by way of singles, doubles, fours and sixes out of total 900 runs. (Assume all the balls to be fair and valid and no player got out)

Composition of runs scored
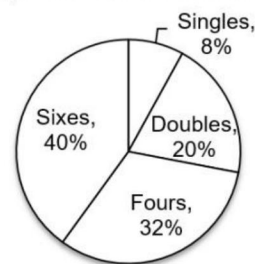
62. How many balls are faced by the team to score the total runs?
(A) 284   (B) 296
(C) 294   (D) 312

63. If the test match was played of 50 overs with each over consisting of 10 balls, then how many dot balls (in overs) were played by the team?
(A) 20.6 over   (B) 19.6 overs
(C) 18.4 over   (D) 21.4 overs

64. What is the ratio of the runs scored by way of fours to the runs scored by way of sixes?
(A) 3:4   (B) 2:3
(C) 4:5   (D) 7:8

65. The team faced the maximum number of balls in-
(A) Singles   (B) Doubles
(C) Fours   (D) Sixes

66. Find the one third of least number exactly divisible by 12, 15, 20 and 27.
(A) 172   (B) 180
(C) 126   (D) 199

67. There are four prime numbers written in ascending order. The product of first three is 385 and that of the last three is 1001. The product of first and last number.
(A) 65   (B) 68
(C) 55   (D) 72

68. If 10 persons can dig 4 feet trench in 12 days, then how many days will 8 persons take to 6 feet trench?
(A) 25.5 days   (B) 22.5 days
(C) 20.5 days   (D) 24.5 days

69. The compound interest on Rs. 8000 for 2 years at rate. 9 per annum will be
(A) 15047   (B) 1548
(C) 1504.8   (D) 2145

70. $17/13 \times 17/13 + 2/13 \times 2/13 - 17/13 \times 4/13$ is equal to
(A) 225/165   (B) 229/169
(C) 175/18   (D) None of these

General Intelligence and Reasoning

71. Arrange the given words in the sequence in which they occur in the dictionary.
1. Dabblers   2. Definite   3. Decaying
4. Defining   5. Decrease
(A) 31254   (B) 13542
(C) 15342   (D) 15324

72. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
_ t _ i _ z _ f _ r _ t _ _ r
(A) zfrtizfi   (B) zrftizfi
(C) rfzrftif   (D) frzifrzt

73. In the following question, select the missing number from the given series.
8, 27, 125, 343, ?
(A) 512   (B) 1331
(C) 729   (D) 640

74. Sarita starts walking from her home facing east direction. After walking for 18 m, she takes a left turn and walks for 20 m. She takes another left turn and walks for 39 m to reach the temple. How far (in m) and in which direction is she from her home?
(A) 20 m, North   (B) 21 m, North
(C) 29 m, North-east   (D) 29 m, North-west

75. Among five friends, E is taller than B but shorter than D. Only one person is shorter than A which is not B.

Who is the second tallest person amongst the 5 friends?
(A) D   (B) E
(C) B   (D) C

76. In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.
JEOPARDIZE
(A) EPIZOA   (B) PERIOD
(C) REPAIRED   (D) ROADIE

77. In a certain code language, "Planets are spheres" is written as "987", "Planets natural bodies" is written as "765" and "Stars natural spheres" is written as "864". How is "are" written in that code language?
(A) 9
(B) 8
(C) 7
(D) Cannot be determined

78. If "&" denotes "×", "#" denotes "-", "^" denotes "+" and "@" denotes "/", then which of the following equations is true?
(A) 15 # 18 @ 4 & 2 = 8
(B) 7 ^ 12 @ 8 & 4 = 11/5
(C) 3 # 24 @ 15 ^ 1 =12/5
(D) 2 ^ 3 & 6 # 9 = 13

79. If 8 × 4 × 6 = 6 and 5 × 9 × 7 = 7, then 2 × 1 × 3 = ?
(A) 1   (B) 2
(C) 3   (D) 4

80. In the following question, select the related word pair from the given alternatives.
Iraq: Baghdad :: ? : ?
(A) Saudi Arabia: Abu Dhabi
(B) United Arab Emirates: Riyadh
(C) Syria: Damascus
(D) Afghanistan: Islamabad

81. Select the related numbers from the given alternatives.
LHD : 321 :: OJE : ?
(A) 123   (B) 132
(C) 321   (D) 231

82. Select the related number from the given alternatives.
7 : 343 :: 8 : ?
(A) 512   (B) 428
(C) 482   (D) 532

83. Select the odd word from the given alternatives.
(A) Tangerine   (B) Grapefruit
(C) Pomelo   (D) Raspberries

84. Select the odd letters from the given alternatives.
(A) CFL   (B) DHP
(C) GNZ   (D) EJT

85. In the following question, select the odd number pair from the given alternatives.
(A) 168: 224   (B) 189: 252
(C) 216: 288   (D) 483: 648

86. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

3	8	10
9	17	6
15	12	14
27	74	?

(A) 86
(B) 93
(C) 89
(D) 90

87. Some statements are given below followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.
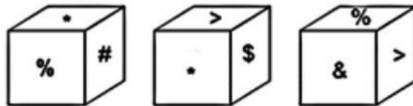**Statements: I.** All guavas are fruits.
II. No carrot is a fruit.
Conclusions: I. Some carrots are guavas.
II. All guavas are carrots.
III. No guava is a carrot.
(A) Only conclusion (I) follows
(B) Only conclusion (II) follows
(C) Only conclusion (III) follows
(D) No conclusion follows

88. Three positions of a cube are shown below. What will come opposite to face containing '&'?

(A) *
(B) $
(C) #
(D) %

89. In a family of five members, F is the grandfather of G, I is the son of J, J is the wife of F and G is the daughter of K. How is K related to I?
(A) Mother
(B) Brother-in-law
(C) Sister
(D) Wife

90. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its column and next by its row, for example, 'Y' can be represented by 95, etc., and 'K' can be represented by 34, etc. Similarly you have to identify the set for the word **'SHOAL'**.
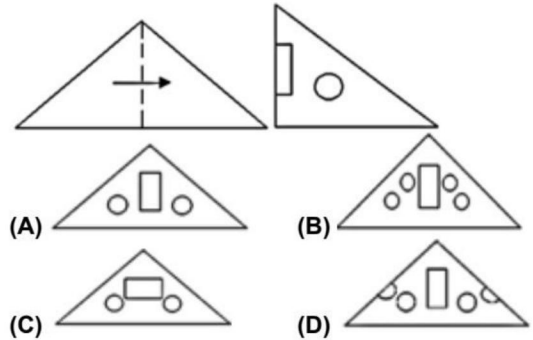
Matrix I

	0	1	2	3	4
0	S	G	D	N	B
1	H	O	T	R	M
2	C	A	S	U	F
3	I	Q	Z	P	L
4	Z	J	E	K	A

Matrix II

	5	6	7	8	9
5	W	B	H	L	Y
6	E	S	A	P	F
7	M	O	X	R	J
8	I	Q	U	N	C
9	X	K	D	G	V

(A) 22, 01, 11, 44, 45
(B) 66, 75, 67, 76, 68
(C) 00, 01, 11, 12, 43
(D) 66, 75, 67, 76, 42

91. A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.

(A)
(B)
(C)
(D)

92. Which answer figure will complete the pattern in the question figure?
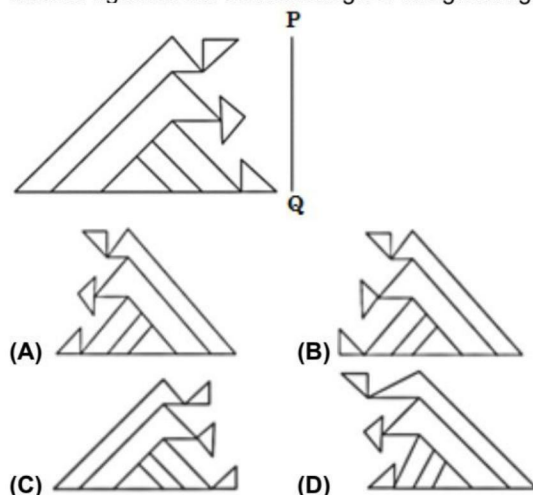

(A)
(B)
(C)
(D)
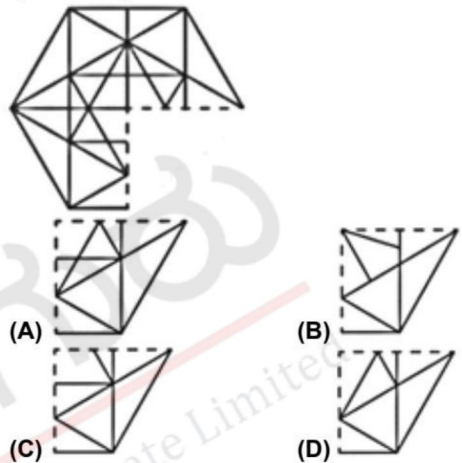
93. How many triangles are there in the given figure?

(A) 10
(B) 11
(C) 12
(D) 14

94. If a mirror is placed on the line PQ, then which of the answer figure is the correct image of the given figure?

(A)
(B)
(C)
(D)

95. From the given answer figures, select the one in which the question figure is hidden/embedded.

(A)

(B)

(C)

(D)

Direction Q.(96-97) Q is husband of V Who is mother of R & F. U is sister of T, Who is daughter of M. P is his band 1of O, Who is mother of N and M. M and R are couple. R is female.

96. How U is related to P?
(A) Grand daughter
(B) Grand father
(C) Father-in -Law
(D) Daughter-in-Law

97. How Q is related to M?
(A) Father
(B) Grandfather
(C) Father-in-Law
(D) None of these

98. In the following questions select the related word/ number from given alternatives.
MOTOR : QTZVZ : : BIKES : ?
(A) EMRLB
(B) FNQLA
(C) FMSTA
(D) EFGVC

Direction Q.(99-100) In the following questions select the odd word / number pair from given alternatives.

99. (A) 769
(B) 631
(C) 857
(D) 943

100. (A) Wool
(B) silk
(C) Nylon
(D) Cotton

Space for rough work

స్పర్ధాగురు
Spardhaguru India Private Limited

Name:

Mobile: **Ph No:**

Subject: **Date of Exam:**

ROLL NO.

MOBILE NUMBER

Important Instructions

Correct Method
Ⓐ Ⓑ ● Ⓓ

Wrong Method
Ⓐ ⊠ ⊘ ⊖

- Marks should be dark and completely fill the circle.
- Rough work must not be done on the answer sheet.
- Make the marks only in the space provided.
- Please do not make any stray marks on the answer sheet.

1	Ⓐ Ⓑ Ⓒ Ⓓ	21	Ⓐ Ⓑ Ⓒ Ⓓ	41	Ⓐ Ⓑ Ⓒ Ⓓ	61	Ⓐ Ⓑ Ⓒ Ⓓ	81	Ⓐ Ⓑ Ⓒ Ⓓ
2	Ⓐ Ⓑ Ⓒ Ⓓ	22	Ⓐ Ⓑ Ⓒ Ⓓ	42	Ⓐ Ⓑ Ⓒ Ⓓ	62	Ⓐ Ⓑ Ⓒ Ⓓ	82	Ⓐ Ⓑ Ⓒ Ⓓ
3	Ⓐ Ⓑ Ⓒ Ⓓ	23	Ⓐ Ⓑ Ⓒ Ⓓ	43	Ⓐ Ⓑ Ⓒ Ⓓ	63	Ⓐ Ⓑ Ⓒ Ⓓ	83	Ⓐ Ⓑ Ⓒ Ⓓ
4	Ⓐ Ⓑ Ⓒ Ⓓ	24	Ⓐ Ⓑ Ⓒ Ⓓ	44	Ⓐ Ⓑ Ⓒ Ⓓ	64	Ⓐ Ⓑ Ⓒ Ⓓ	84	Ⓐ Ⓑ Ⓒ Ⓓ
5	Ⓐ Ⓑ Ⓒ Ⓓ	25	Ⓐ Ⓑ Ⓒ Ⓓ	45	Ⓐ Ⓑ Ⓒ Ⓓ	65	Ⓐ Ⓑ Ⓒ Ⓓ	85	Ⓐ Ⓑ Ⓒ Ⓓ
6	Ⓐ Ⓑ Ⓒ Ⓓ	26	Ⓐ Ⓑ Ⓒ Ⓓ	46	Ⓐ Ⓑ Ⓒ Ⓓ	66	Ⓐ Ⓑ Ⓒ Ⓓ	86	Ⓐ Ⓑ Ⓒ Ⓓ
7	Ⓐ Ⓑ Ⓒ Ⓓ	27	Ⓐ Ⓑ Ⓒ Ⓓ	47	Ⓐ Ⓑ Ⓒ Ⓓ	67	Ⓐ Ⓑ Ⓒ Ⓓ	87	Ⓐ Ⓑ Ⓒ Ⓓ
8	Ⓐ Ⓑ Ⓒ Ⓓ	28	Ⓐ Ⓑ Ⓒ Ⓓ	48	Ⓐ Ⓑ Ⓒ Ⓓ	68	Ⓐ Ⓑ Ⓒ Ⓓ	88	Ⓐ Ⓑ Ⓒ Ⓓ
9	Ⓐ Ⓑ Ⓒ Ⓓ	29	Ⓐ Ⓑ Ⓒ Ⓓ	49	Ⓐ Ⓑ Ⓒ Ⓓ	69	Ⓐ Ⓑ Ⓒ Ⓓ	89	Ⓐ Ⓑ Ⓒ Ⓓ
10	Ⓐ Ⓑ Ⓒ Ⓓ	30	Ⓐ Ⓑ Ⓒ Ⓓ	50	Ⓐ Ⓑ Ⓒ Ⓓ	70	Ⓐ Ⓑ Ⓒ Ⓓ	90	Ⓐ Ⓑ Ⓒ Ⓓ
11	Ⓐ Ⓑ Ⓒ Ⓓ	31	Ⓐ Ⓑ Ⓒ Ⓓ	51	Ⓐ Ⓑ Ⓒ Ⓓ	71	Ⓐ Ⓑ Ⓒ Ⓓ	91	Ⓐ Ⓑ Ⓒ Ⓓ
12	Ⓐ Ⓑ Ⓒ Ⓓ	32	Ⓐ Ⓑ Ⓒ Ⓓ	52	Ⓐ Ⓑ Ⓒ Ⓓ	72	Ⓐ Ⓑ Ⓒ Ⓓ	92	Ⓐ Ⓑ Ⓒ Ⓓ
13	Ⓐ Ⓑ Ⓒ Ⓓ	33	Ⓐ Ⓑ Ⓒ Ⓓ	53	Ⓐ Ⓑ Ⓒ Ⓓ	73	Ⓐ Ⓑ Ⓒ Ⓓ	93	Ⓐ Ⓑ Ⓒ Ⓓ
14	Ⓐ Ⓑ Ⓒ Ⓓ	34	Ⓐ Ⓑ Ⓒ Ⓓ	54	Ⓐ Ⓑ Ⓒ Ⓓ	74	Ⓐ Ⓑ Ⓒ Ⓓ	94	Ⓐ Ⓑ Ⓒ Ⓓ
15	Ⓐ Ⓑ Ⓒ Ⓓ	35	Ⓐ Ⓑ Ⓒ Ⓓ	55	Ⓐ Ⓑ Ⓒ Ⓓ	75	Ⓐ Ⓑ Ⓒ Ⓓ	95	Ⓐ Ⓑ Ⓒ Ⓓ
16	Ⓐ Ⓑ Ⓒ Ⓓ	36	Ⓐ Ⓑ Ⓒ Ⓓ	56	Ⓐ Ⓑ Ⓒ Ⓓ	76	Ⓐ Ⓑ Ⓒ Ⓓ	96	Ⓐ Ⓑ Ⓒ Ⓓ
17	Ⓐ Ⓑ Ⓒ Ⓓ	37	Ⓐ Ⓑ Ⓒ Ⓓ	57	Ⓐ Ⓑ Ⓒ Ⓓ	77	Ⓐ Ⓑ Ⓒ Ⓓ	97	Ⓐ Ⓑ Ⓒ Ⓓ
18	Ⓐ Ⓑ Ⓒ Ⓓ	38	Ⓐ Ⓑ Ⓒ Ⓓ	58	Ⓐ Ⓑ Ⓒ Ⓓ	78	Ⓐ Ⓑ Ⓒ Ⓓ	98	Ⓐ Ⓑ Ⓒ Ⓓ
19	Ⓐ Ⓑ Ⓒ Ⓓ	39	Ⓐ Ⓑ Ⓒ Ⓓ	59	Ⓐ Ⓑ Ⓒ Ⓓ	79	Ⓐ Ⓑ Ⓒ Ⓓ	99	Ⓐ Ⓑ Ⓒ Ⓓ
20	Ⓐ Ⓑ Ⓒ Ⓓ	40	Ⓐ Ⓑ Ⓒ Ⓓ	60	Ⓐ Ⓑ Ⓒ Ⓓ	80	Ⓐ Ⓑ Ⓒ Ⓓ	100	Ⓐ Ⓑ Ⓒ Ⓓ

Correct		Correct		Correct		Correct		Correct	
Incorrect		Incorrect		Incorrect		Incorrect		Incorrect	
Marks		Marks		Marks		Marks		Marks	

| **Student's Signature** | **Maximum Marks** | **Marks Obtained** | **Marks in %** | **Remarks** |