

Instructions

- The test contains 100 objective type questions.
- All questions are compulsory.
- Complete the test within 90 minutes.
- All questions contain four alternatives, in which only one is correct.

- Ritesh sold a pen for ₹ 36 with a profit of 20%. If it were sold for ₹ 33, then what could be the percentage of profit or loss?
TTA: 60 Seconds
A. 10% Profit B. 15% Profit
C. 12% Loss D. 18% Loss
- Which sport has the highest rank of Yokozuna?
TTA: 15 Seconds
A. Sumo wrestling B. Judo
C. Jujitsu D. Kendo
- Rearrange the jumbled-up letters in their natural sequence and find the odd one out.
TTA: 30 Seconds
A. SAMR B. MOETC
C. USVNE D. PUJIERT
- What does UFO stand for?
TTA: 15 Seconds
A. Under Fire Object
B. Unidentified Flying Object
C. Unapproved Foreign Object
D. Unidentified Free Object
- The height of a lighthouse is 20 meters above sea level. The angle of depression (from the top of the lighthouse) of a ship in the sea is 30°. What is the distance of the ship from the foot of the lighthouse?
TTA: 60 Seconds
A. 16 m B. $20\sqrt{3}$ m
C. 20 m D. 30 m
- Which queen of Ahmednagar opposed Emperor Akbar?
TTA: 15 Seconds
A. Rani Durgavati B. Zeenat Mahal
C. Chand Bibi D. Razia Sultan
- When is the International Day for Preservation of Ozone layer observed?
TTA: 15 Seconds
A. September 16 B. July 4
C. January 23 D. May 1
- Who invented the bifocal glasses?
TTA: 15 Seconds
A. Thomas Alva Edison B. Benjamin franklin
C. Evangelista D. Ian Fleming.
- Identify the odd one from the list below.
TTA: 15 Seconds
A. Snake B. Lizard
C. Reptiles D. Crocodile
- What denotes learned and shared beliefs and behaviorus?
TTA: 15 Seconds
A. Culture B. Ethnicity
C. Group D. Descent
- Who invented the mobile phone?
TTA: 15 Seconds
A. Joseph Wilson B. Edwin Land
C. Martin Cooper D. John Lloyd Wright
- What of the following refers to hypotheses that are confirmed by varied tests?
TTA: 15 Seconds
A. Assumption B. Theory
C. Answer D. Opinion
- What does PDA stand for?
TTA: 15 Seconds
A. Personal Data Assistant
B. Personal Digital Assistant
C. Prime Data Assistant
D. Prime Digital Assistant
- If the angles of a triangle are in the ratio of 1 : 4 : 7, then find the ratio of the greatest angle to the smallest angle.
TTA: 60 Seconds
A. 7 : 2 B. 2 : 3
C. 7 : 1 D. 3 : 5
- Name the architect who designed New Delhi.
TTA: 15 Seconds
A. Le Corbusier B. Sir Edwin Lutyens
C. Andrew Paul D. George Baker

31. An Assertion (A) and Reason (R) are given below.
Assertion (A) : We prefer to wear white clothes in winter.
Reason (R) : White clothes are good reflectors of heat.
 Choose the correct option.
TTA: 40 Seconds
 A. A is true, but R is false.
 B. A is false, but R is true.
 C. Both A and R are true, and R is the correct explanation of A.
 D. Both A and R are true, and R is not the correct explanation of A.
32. Select the pair in which the numbers are similarly related as in the given pair :
TTA: 60 Seconds
 9 : 27 :: :
 A. 5 : 125 B. 8 : 64
 C. 15 : 135 D. 81 : 729
33. How many princely states were there in India at the time of Independence?
TTA: 15 Seconds
 A. 347 B. 490
 C. 565 D. 418
34. A trader earns a profit of 25%, even after offering a 20% discount on the marked price. If the cost price of an article is ₹ 5,120, then find the marked price.
TTA: 60 Seconds
 A. 7,200 B. 8,000
 C. 6,400 D. 10,000
35. Who is considered as the Father of the Modern Indian Renaissance?
TTA: 15 Seconds
 A. Mahatma Gandhi
 B. Sardar Vallabhbhai Patel
 C. Vinoba Bhave
 D. Raja Ram Mohan Roy
36. Find the largest number of three digits exactly divisible by 15, 18, 27, and 30.
TTA: 60 Seconds
 A. 870 B. 900
 C. 810 D. 780
37. Who invented the Band-aid?
TTA: 15 Seconds
 A. Earle Dickson B. Alan Gant
 C. Louis Pasteur D. Frank Epperson
38. If $\left(\frac{x+1}{x}\right) = 2$, then find the value of
 $\left(\frac{x^3+1}{x^3}\right) \div \left(\frac{x^{18}+1}{x^{18}}\right)$
TTA: 60 Seconds
 A. $\frac{2}{9}$ B. 5
 C. 1 D. $\frac{1}{9}$
39. Find the approximate simple interest on ₹ 2,000 from March 9, 2010 to May 21, 2010 at 8.25% per annum.
TTA: 60 Seconds
 A. ₹ 43 B. ₹ 37
 C. ₹ 33 D. ₹ 40
40. The angle of elevation of the top of a tower at a distance of 25 m from its foot is 60°. The approximate height of the tower is
TTA: 60 Seconds
 A. 20.3 m B. 15.3 m
 C. 36.3 m D. 43.3 m
41. Which of the following refers to the number of pixels per inch, printed on a page?
TTA: 25 Seconds
 A. Print Margin B. Resolution
 C. Filter D. Colour mode
42. In which generation of computers was the mechanical language for programming used?
TTA: 15 Seconds
 A. First B. Second
 C. Third D. Fourth
43. Which is the fastest land animal in the World?
TTA: 15 Seconds
 A. Dog B. Cheetah
 C. Tiger D. Horse
44. If @ means +, # means −, \$ means × and * means ÷, then what is the value of $16@4\$5\#72*8 =$
TTA: 60 Seconds
 A. 27 B. 26
 C. 36 D. 35
45. 4 years ago, the ratio of Vikash's to Rahul's age was 3 : 5. After 6 years, this ratio would become 4 : 5. Find the present age of Rahul.
TTA: 60 Seconds
 A. 10 B. 15
 C. 14 D. 17
46. If in a certain code language, PROMOTION is written as 365458957, how will the word MONITOR be written in that code language?
TTA: 60 Seconds
 A. 4579856 B. 4578956
 C. 4597866 D. 4578596
47. If '+' means 'multiplication', '-' means 'division', '×' means 'subtraction' and '÷' means 'addition', then $9 + 8 \div 8 - 4 \times 9$ is
TTA: 60 Seconds
 A. 65 B. 11
 C. 26 D. 56
48. Who was the American astronaut who returned to Earth after spending 340 days in International Space Station?
TTA: 45 Seconds
 A. Scott Kelly B. Mikhail Kormienko
 C. Eric Boe D. Douglas Hurley

68. Rearrange the jumbled-up letters in their natural sequence and find the odd one out.

TTA: 30 Seconds

- A. EARSUQ B. ONGPOYL
C. NAEGRCLELT D. RGETESNH

69. Choose the pair which is related in the same way as the words in the first pair from the given choices

TTA: 30 Seconds

Savage : Civilized : :

- A. Brutal : Heroic B. Wild : Animal
C. Dark : Light D. Illiterate : Book

70. In a college, 25% of male faculties are the same in number as $\frac{1}{3}$ rd of the female faculties. What is the ratio of male faculty to female faculty in that college?

TTA: 60 Seconds

- A. 4 : 3 B. 3 : 4
C. 2 : 3 D. 3 : 2

71. If A denotes '+', B denotes '-', C denotes ':', D denotes '×' then the value of the expression 9D48C6B 16 A3 is

TTA: 60 Seconds

- A. 53 B. 35
C. 59 D. 56

72. What is the process of slow cooling of hot glass called?

TTA: 15 Seconds

- A. Annealing B. Humidifying
C. Condensation D. Decantation

73. Find the products: $0.5 \times 0.05 \times 0.005 \times 500$

TTA: 60 Seconds

- A. 0.0625 B. 0.00625
C. 0.06255 D. 0.625

74. Boxing is related to Ring in the same way as Tennis is related to

TTA: 15 Seconds

- A. Court B. Ground
C. Pool D. Arena

75. Find the degree of the polynomial $8x + 2xy + 4$

TTA: 60 Seconds

- A. 4 B. 2
C. 0 D. 1

76. In which Schedule to the Constitution of India is the list of States and Union Territories given?

TTA: 15 Seconds

- A. First schedule B. Second Schedule
C. Fourth Schedule D. Sixth Schedule

77. In a certain code, TABLE is written as GZYO, then CHAIR can be written as

TTA: 30 Seconds

- A. XRZSI B. XZSRI
C. XSRZI D. XSZRI

78. Milk of Magnesia is used as a

TTA: 15 Seconds

- A. Laxative B. Pain killer
C. Sedative D. Antibiotic

79. In a number system, on dividing 11509 by a certain number, Mukesh gets 71 as quotient and 7 as the remainder. What is the divisor?

TTA: 60 Seconds

- A. 132 B. 172
C. 182 D. 162

Direction : (80-82) The table below depicts the Number of Books Sold by 5 cities for 5 months. Study the following table and answer the question:

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

80. If 30% of the total number of books sold by City B, D, and E together in July were academic books. How many non-academic books were sold by the same Cities together in the same month?

TTA: 60 Seconds

- A. 379 B. 389
C. 399 D. 309

81. What is the respective ratio between the total number of books sold by City A in July and September together and the total number of books sold by City E in August and October together?

TTA: 70 Seconds

- A. 57 : 49 B. 49 : 57
C. 58 : 47 D. 47 : 58

82. What is the average number of books sold by City C in July, September, and October together?

TTA: 60 Seconds

- A. 243 B. 242
C. 234 D. 224

83. Find the missing value denoted by?

TTA: 60 Seconds

$3 : 243 :: 5 : ?$

- A. 625 B. 465
C. 3,125 D. 425

84. If the standard deviation of a population is 3, what would be the population variance?

TTA: 30 Seconds

- A. 9 B. 6
C. 8 D. 15

85. Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

Statements:

Some buds are flowers.



All flowers are trees.

All trees are leaves.

Conclusions:

I. Some leaves are buds.

II. All flowers are leaves.

Decide which of the below option(s) logically follow(s) the given conclusions.

TTA: 30 Seconds

A. Only Conclusion I follows

B. Only Conclusion II follows

C. Both I and II follow

D. Neither I nor II follows

86. Find the LCM of the following fractions: $\frac{2}{3}$, $\frac{8}{9}$, $\frac{16}{27}$, and $\frac{32}{81}$

TTA: 60 Seconds

A. $\frac{32}{81}$

B. $\frac{81}{32}$

C. $\frac{32}{3}$

D. $\frac{11}{41}$

87. In which state is Koyna dam located?

TTA: 15 Seconds

A. Madhya Pradesh B. Rajasthan

C. Maharashtra D. Gujarat

88. Which planet is the nearest in size to Earth?

TTA: 15 Seconds

A. Mercury B. Mars

C. Venus D. Saturn

89. The mean of a distribution is 15 and the standard deviation is 5. What is the value of the coefficient variation?

TTA: 60 Seconds

A. 16.66% B. 66.66%

C. 33.33% D. 100%

90. If S is the midpoint of a straight-line PQ and R is a point different from S, such that PR = RQ, then :

TTA: 60 Seconds

A. Angle PRS = 90° B. Angle QRS = 90°

C. Angle PSR = 90° D. Angle QSR < 90°

91. Who constructed the Hawa Mahal?

TTA: 15 Seconds

A. Maharaja Bhagvat Singh

B. Maharaja Jagatjit Singh

C. Maharaja Sawai Pratap Singh

D. Maharajah Jaswant Singh

92. If '>' means 'minus', '<' means 'plus', '*' means 'multiplied by' and '#' means 'divided by', then what would be the value of

TTA: 60 Seconds

$27 < 81 \# 9 > 6 =$

A. 32

B. 30

C. 36

D. 25

93. Which king's story is the subject of the play Mudrarakshasa?

TTA: 15 Seconds

A. Jaychand

B. Chandra Gupta II

C. Chandrapeda

D. Chandragupta Maurya

94. Nine years later, the age of B will be equal to the present age of A. Sum of A's age 3 years later and B's age 4 years ago is 76. If C is half of the present age of B, then what will be C's age (in years) after 10 years?

TTA: 60 Seconds

A. 32

B. 36

C. 27

D. 31

95. Who was responsible for building the Great Wall of China?

TTA: 15 Seconds

A. Qin Shi Huang

B. Fa-Hien

C. Xuanzang or Hiuen Tsang

D. Yijing

96. Martin Crowe who passed away recently was the former cricket captain of which country?

TTA: 15 Seconds

A. Australia

B. England

C. New Zealand

D. South Africa

97. If 70% of the $\frac{5}{7}$ th of a number is 90. Find the number.

TTA: 60 Seconds

A. 150

B. 180

C. 160

D. 190

98. Which among the following is called quicksilver?

TTA: 15 Seconds

A. Titanium

B. Mercury

C. Platinum

D. Radium

99. Which of the following is a vertebrate?

TTA: 15 Seconds

A. Kiwi

B. Sponges

C. Starfish

D. Threadworm

100. Find the total Simple Interest on ₹500 at 7% per annum, on ₹700 at 10% per annum and on ₹1000 at 4% per annum for 3 years.

TTA: 60 Seconds

A. 435

B. 500

C. 700

D. 1,000

SMART ANSWERSHEET

Correct % Indicates % of students answered correctly.

Skipped % Indicates % of students skipped questions.



Easy



Medium



Difficult

Q. A.	Correct	Skipped	Q. A.	Correct	Skipped	Q. A.	Correct	Skipped	Q. A.	Correct	Skipped	Q. A.	Correct	Skipped	Q. A.	Correct	Skipped			
1.A	0%	69%	16.C	50%	0%	31.B	44%	44%	46.A	0%	100%	61.B	63%	31%	76.A	19%	75%	91.C	69%	6%
2.A	13%	75%	17.A	75%	0%	32.D	25%	50%	47.A	6%	94%	62.D	19%	69%	77.D	25%	75%	92.B	75%	6%
3.B	6%	69%	18.A	25%	0%	33.C	19%	69%	48.A	0%	100%	63.C	25%	56%	78.A	19%	75%	93.D	44%	44%
4.B	25%	69%	19.A	81%	0%	34.B	25%	44%	49.B	13%	88%	64.B	6%	69%	79.D	13%	75%	94.C	56%	44%
5.B	6%	81%	20.B	13%	31%	35.D	31%	56%	50.C	13%	69%	65.A	38%	50%	80.C	25%	75%	95.A	19%	56%
6.C	6%	75%	21.C	31%	19%	36.C	0%	69%	51.C	56%	38%	66.D	88%	0%	81.D	6%	88%	96.C	44%	25%
7.A	19%	75%	22.A	56%	31%	37.A	25%	69%	52.D	25%	69%	67.A	44%	0%	82.A	13%	88%	97.B	63%	25%
8.B	19%	69%	23.A	38%	57%	38.C	6%	94%	53.B	44%	56%	68.D	75%	0%	83.C	6%	88%	98.B	63%	31%
9.C	13%	88%	24.B	19%	38%	39.C	0%	94%	54.C	25%	38%	69.C	88%	0%	84.A	6%	94%	99.A	44%	31%
10.A	6%	75%	25.A	19%	75%	40.D	0%	94%	55.C	13%	81%	70.A	94%	0%	85.C	6%	94%	100.A	44%	31%
11.C	50%	13%	26.A	31%	44%	41.B	0%	81%	56.A	6%	94%	71.C	63%	31%	86.C	31%	69%			
12.B	38%	6%	27.C	31%	44%	42.A	0%	81%	57.B	6%	94%	72.A	50%	38%	87.C	25%	69%			
13.B	81%	0%	28.B	31%	63%	43.B	0%	75%	58.A	6%	75%	73.A	50%	38%	88.C	25%	69%			
14.C	44%	6%	29.A	25%	56%	44.A	6%	94%	59.B	50%	44%	74.A	56%	38%	89.C	31%	69%			
15.B	38%	6%	30.A	25%	69%	45.C	0%	100%	60.D	0%	100%	75.B	44%	38%	90.C	25%	69%			

PERFORMANCE ANALYSIS

OVERALL

Avg. Score	59/100
Toppers Score	92/100
Cut Off	79/100
Your Score	_____



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