



Conclusion:

- I. Some players are clever
- II. Some clever kids are players.

Decide which of the given conclusion(s) logically follow (s) from the given statements.

TTA: 45 Seconds

- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Both conclusion I and II follow
- D. Neither conclusion I nor II follows

35. Find the Value of :

$$(0.0112 - 0.0012) \text{ of } 0.14 + 0.25 \times 0.2 / 0.02 \times 0.01$$

TTA: 60 Seconds

- A. 257
- B. 25.7
- C. 2.57
- D. 0.0257

36. On which of the following river is the Dul Hasti Project located?

TTA: 15 Seconds

- A. Sone
- B. Chenab
- C. Krishna
- D. Tapi

37. If AC=52, and BD = 43, what is DAB?

TTA: 60 Seconds

- A. 523
- B. 243
- C. 432
- D. 354

38. If $\frac{1}{4}$ th of the wall is painted blue, $\frac{1}{2}$ is painted yellow and remaining 3m is painted white, what is the length of the wall?

TTA: 60 Seconds

- A. 10
- B. 8
- C. 16
- D. 12

39. In a certain code language, North=West, South=East, East=North, which direction does the Sun rise?

TTA: 60 Seconds

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

40. Who was the last Mughal Emperor?

TTA: 15 Seconds

- A. Babur
- B. Jahangir
- C. Akbar
- D. Bahadur Shah

41. Who was the first to score a perfect 10 in Olympics in gymnastics?

TTA: 15 Seconds

- A. Nadia Comaneci
- B. Daniela Silivas
- C. Alexander Dityatin
- D. Mary Lou Retton

42. Geeta weighs 11.235 kg. Her sister weighs 1.4 times her weight. Find their combined weight?

TTA: 60 Seconds

- A. 15.729 kg.
- B. 25.964 kg.
- C. 26.964 kg-
- D. 26.946 kg.

43. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts.

Statements:

1. Because of motor vehicles like cars, pollution has increased manifold.

2. Respiratory diseases are increasing due to pollution.

Conclusions:

- I. If cars were not there pollution would be nil.
- II. Doctors earn a lot due to pollution.

Decide which of the given conclusion(s) logically follow(s) from the given statements

TTA 60: Seconds

- A. Either I or II follow
- B. Neither I nor II follows
- C. Only conclusion I follows
- D. Only conclusion II follows

44. Sita told her friend, Gita, "I am leaving today and will reach Mumbai tomorrow for my exams starting the day after tomorrow, which is Friday". What day is tomorrow in this conversation?

TTA: 60 Seconds

- A. Wednesday
- B. Thursday
- C. Tuesday
- D. Saturday

45. A deep crack in a glacier is called

TTA: 15 Seconds

- A. A crevice
- B. A crevasse
- C. A crack
- D. A cleft

46. If angles of a quadrilateral are in the ratio 3 : 5 : 9 : 13, find the largest angle?

TTA: 15 Seconds

- A. 165
- B. 180
- C. 156
- D. 190

47. Headquarters of UNESCO is located at :

TTA: 15 Seconds

- A. Moscow
- B. New York
- C. London
- D. Paris

48. Madhubani painting style is native to which state?

TTA: 15 Seconds

- A. Orissa
- B. Andhra Pradesh
- C. Bihar
- D. Madhya Pradesh

49. If the cost price of 5 cars is equal to the selling price of 4 cars. Find the percentage of profit or loss?

TTA: 70 Seconds

- A. 10% Profit
- B. 10% Loss
- C. 25% Profit
- D. 25% Loss

50. What smallest number should be added to the sum of squares of 15 and 14 so that the resulting number is a perfect square?

TTA: 60 Seconds

- A. 17
- B. 20
- C. 11
- D. 9

51. 'E' is related to 'BH' in the same way as 'N' is related to?

TTA: 60 Seconds

- A. IP
- B. KQ
- C. LP
- D. KR

52. Find the mean of the first 6 prime numbers?

TTA: 60 Seconds

- A. $\frac{14}{3}$
- B. 3
- C. $\frac{41}{6}$
- D. $\frac{13}{2}$

53. The perimeter of a rectangle is 28 cm. If the length is $\frac{5}{2}$ times its breadth, find the length and breadth of the rectangle.
TTA: 60 Seconds
A. 9 & 5 B. 10 & 4
C. 6 & 7 D. 11 & 3
54. The sum of two digits of a number is 10. If the digits are interchanged, then its value increases by 18. Find the number.
TTA: 60 Seconds
A. 46 B. 64
C. 19 D. 28
55. Which of the following is always present in organic compounds?
TTA: 15 Seconds
A. Carbon B. Nitrogen
C. Sulphur D. Potassium
56. Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts.
Statements:
1. Health insurance in India caters only to the rich.
2. Health insurance sector should be regulated.
Conclusion
I. Health insurance sector should be nationalized
II. Health insurance is not required for the poor.
Decide which of the given conclusion(s) logically follow(s) from the given statements.
TTA: 40 Seconds
A. Neither I nor II follows
B. Only conclusion I follows
C. Either I or II follow
D. Only conclusion II follows
57. If COW : CW=13, what might be the value of COW?
TTA: 60 Seconds
A. 272 B. 195
C. 323 D. 387
58. Where is the Island of Seychelles located?
TTA: 15 Seconds
A. Indian Ocean B. Pacific Ocean
C. Atlantic Ocean D. The Southern Ocean
59. In an equilateral triangle ABC, D, E, and F are the midpoints of AB, BC, and AC respectively. The quadrilateral BEFD is a
TTA: 60 Seconds
A. Square B. Rectangle
C. Parallelogram D. Rhombus
60. Where is the headquarters of Interpol located?
TTA: 15 Seconds
A. Paris B. London
C. Lyon D. Brussels
61. The ratio between the weights of gold and silver in an alloy is 17 : 3. If the weight of silver in the alloy is 2.7 gm, find the weight of gold in the alloy?
TTA: 60 Seconds
A. 12.6 gm B. 15.3 gm
C. 18 gm D. 21.2 gm
62. Which is the largest non-polar desert in the world?
TTA: 15 Seconds
A. Kalahari B. Gobi
C. Sahara D. Great Australian
63. Which single discount will be equal to two successive discounts of 12% and 5%?
TTA: 60 Seconds
A. 17%
B. 8.5%
C. 16.4% D. 15.2%
64. Jimmy Wales and Larry Sanger are associated with?
TTA: 15 Seconds
A. Wikipedia B. Google
C. WhatsApp D. Facebook
65. What comes next in the series?
B, D, H, N?
TTA: 60 Seconds
A. V B. P
C. S D. W
66. Which of the following is called Aurum?
TTA: 15 Seconds
A. Bronze B. Gold
C. Silver D. Copper
67. CAT : MOUSE as SNAKE :
TTA: 60 Seconds
A. Reptile B. Mongoose
C. Hole D. Poison
68. Divide 13,680 in three parts such that 1st part is $\frac{3}{5}$ th of the third part and the ratio between 2nd and 3rd part is 4 : 7. How much is the first part?
TTA: 60 Seconds
A. 3780 B. 6300
C. 3600 D. 4800
69. Punch card is also called
TTA: 15 Seconds
A. Hollerith card B. Video card
C. Sound card D. Accelerator card
70. In a camp, 180 students had ration for 20 days. How many students should leave the camp if the ration should last for 25 days?
TTA: 60 Seconds
A. 36 B. 24
C. 28 D. 40
71. World Environment Day is observed on
TTA: 15 Seconds
A. February 28 B. May 16
C. June 05 D. September 12
72. Simplify $(764 \times ?) \div 250 = 382$
TTA: 60 Seconds
A. 115 B. 145
C. 125 D. 135
73. If $1 = 2, 3 = 6, 4 = 8$, and $+ = -$, what would be the value of $41 + 34 + 13 = ?$
TTA: 60 Seconds
A. -88 B. 88
C. 12 D. -12



74. If A's sister's husband is B's mother-in-law's son-in-law, how is A related to B?

TTA: 60 Seconds

- A. Father B. Father-in-law
C. Brother-in-law D. Husband

Direction : (75-77) Read the following information and answer the following question :

TTA: 60 Seconds

In a class of 90 students, 80 students like burger or pizza. 62 like burger and 56 like pizza.

75. How many like neither burger nor pizza?

- A. 10 B. 28
C. 16 D. 14

76. How many like both burger and pizza?

TTA: 60 Seconds

- A. 24 B. 38
C. 32 D. 18

77. How many don't like burger?

TTA: 60 Seconds

- A. 18 B. 28
C. 38 D. 48

78. If SUN = 108, MOON = 114 what is STAR = ?

TTA: 50 Seconds

- A. 120 B. 116
C. 122 D. 128

79. With which sport is the term 'Tee' connected?

TTA: 15 Seconds

- A. Hockey B. Polo
C. Golf D. Badminton

80. The average age of 22 students of a class is 21. If the age of the teacher is also added to their ages, then the average increases by one. Find the age of the teacher.

TTA: 60 Seconds

- A. 42 B. 48
C. 44 D. 52

81. Who is called the Frontier Gandhi?

TTA: 15 Seconds

- A. Muhammad Ali Jinnah
B. Mahatma Gandhi
C. Khan Abdul Ghaffar Khan
D. Bal Gangadhar Tilak

82. Simplify

$$81x^2 - 49y^2$$

TTA: 60 Seconds

- A. $9x + 7y$ B. $(9x - 7y)(9x + 7y)$
C. $9x$ D. $7y$

83. $\sin^2 30^\circ + \cos^2 45^\circ + 4\tan^2 30^\circ + \frac{1}{2} \sin^2 90^\circ + \frac{1}{8} \cot^2 60^\circ$

TTA: 75 Seconds

- A. - B. 4
C. $\frac{21}{8}$ D. 1

84. Which number will fit in '?' place in the following series?

2, ?, 12, 20, 30, 42

TTA: 60 Seconds

- A. 2 B. 4
C. 6 D. 8

85. Granite is an example of

TTA: 15 Seconds

- A. Metamorphic rock B. Sedimentary rock
C. Igneous rock D. Artificial stone

86. What did Edward Jenner pioneer?

TTA: 15 Seconds

- A. Vaccination B. Electrocution
C. Dialysis D. Open heart surgery

87. The runs scored by two batsmen over 7 matches are given below. Which batsman's average was better?

Batsman 1	42	51	09	78	63	20	12
Batsman 2	30	22	91	76	84	11	07

TTA: 60 Seconds

- A. Batsman 1 - 39.3 B. Batsman 1 - 45.9
C. Batsman 1 - 43.2 D. Batsman 2 - 45.9

88. Which of the following is a land-locked country?

TTA: 15 Seconds

- A. Azerbaijan B. Kazakhstan
C. Pakistan D. Bangladesh

89. After allowing a discount of 20% on the marked price, Kishore makes a profit of 12%. What percentage is the marked price above the cost price?

TTA: 60 Seconds

- A. 40% B. 32%
C. 25% D. 8%

90. Which Indian king used naval power to conquer parts of East Asia?

TTA: 15 Seconds

- A. Akbar B. Krishna Deva Raya
C. Rajendra Chola D. Shivaji

91. Which number will fit both the series of numbers?

Series A: 1, 4, 9... Series B: 1, 8, 27...

TTA: 60 Seconds

- A. 42 B. 36
C. 64 D. 25

92. A certain sum, when invested at 5% interest compounded annually for 3 years, yields an interest of ₹ 2,522. Find the Principal?

TTA: 60 Seconds

- A. ₹ 12,522 B. ₹ 15,200
C. ₹ 16,000 D. ₹ 17,200

93. The diagonal of a rhombus is 8 m and 6 m respectively. Find its area.

TTA: 60 Seconds

- A. 48 sq. m. B. 24 sq. m.
C. 12 sq. m. D. 96 sq. m.

94. Ram and Rahim standing at a distance of 680 m run towards each other at a speed of 8 m/s and 9 m/s respectively. After how long will they meet?

TTA: 60 Seconds

- A. 17 sec B. 24 sec
C. 40 sec D. 36 sec

95. Simplify:

$$\left[2\frac{1}{3} - 1\frac{1}{2} \right] \text{ of } \frac{3}{5} \times 1\frac{2}{5} \div 2\frac{1}{3}$$

TTA: 60 Seconds

- A. $\frac{1}{10}$ B. $\frac{3}{10}$
C. $\frac{11}{10}$ D. 1

96. If Reena sold 12 mobile phones for ₹ 188,160 which cost ₹ 14,056 per phone, what was the total profit made by her?

TTA: 60 Seconds

- A. ₹ 19,488 B. ₹ 17,621
C. ₹ 21,014 D. ₹ 18,958

97. Which country has won the maximum number of World cup titles in football?

TTA: 15 Seconds

- A. Italy B. Argentina
C. Brazil D. France

98. If ALPHA=36, BETA=26, then DELTA=?

TTA: 60 Seconds

- A. 38 B. 31
C. 40 D. 36

99. If 3 : 27 :: 5 : ?

TTA: 60 Seconds

- A. 25 B. 125
C. 250 D. 625




100. Which is the brightest star in our night sky?

TTA: 15 Seconds

- A. Canopus B. Sirius A
C. Vega D. Spica

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

PERFORMANCE ANALYSIS

OVERALL	
Avg. Score	54/100
Toppers Score	91/100
Cut Off	80/100
Your Score	_____



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