



14. The most active ingredient in bleaching powder is
TTA: 15 Seconds
A. Iodine B. Calcium hypochlorite
C. Nitric acid D. Ammonium sulphate
15. The Central Government granted a certain sum towards flood relief to 3 states A, B, and C in the ratio 2 : 3 : 4. If C gets ₹ 400 crores more than A, what is the share of B?
TTA: 18 Seconds
A. ₹ 400 crore B. ₹ 200 crore
C. ₹ 600 crore D. ₹ 300 crore
16. Cricketer Virat Kohli was honoured with Arjuna Award in the year
TTA: 20 Seconds
A. 2011 B. 2012
C. 2013 D. 2014
17. The instrument used to determine the rotation speed of a shaft is called
TTA: 15 Seconds
A. Speedometer B. Tachometer
C. Anemometer D. Chronometer
18. Find the greatest length which can be used to measure exactly three cloth pieces of lengths 1.26 m, 1.98 m and 1.62 m respectively.
TTA: 85 Seconds
A. 12 cm B. 14 cm
C. 16 cm D. 18 cm
19. Slave Dynasty was founded by
TTA: 15 Seconds
A. Qutbuddin Aibak B. Mahmud Ghazni
C. Muhammad Ghori D. Razia Sultana
20. Exobiology refers to
TTA: 20 Seconds
A. Life in outer space. B. Life of animals.
C. Life of plants. D. Life of human beings on earth.
21. A call centre recruits candidates with the following criteria :
1. Candidates should have passed at least 10th standard.
 2. Candidates must be fluent in English and Hindi.
 3. Candidates must be ready to work in both day and night shifts.
- Which candidate among the following will the call center definitely take?
TTA: 95 Seconds
A. Seeta is a graduate, fluent in Marathi, Hindi, and English and can work only in the day shift.
B. Sarita is fluent in English, Tamil, and Hindi, can work in both shifts and has had no formal education.
C. Smita speaks English and Hindi very well, is ready for the day as well as night shifts and has studied till 12th standard.
D. Savita can work in both shifts, has passed 10th standard with 65% and speaks fluent Hindi and Marathi.
22. What will be the maturity value, if ₹ 13,500 is deposited at a simple rate of interest of 12.5% for two years?
TTA: 90 Seconds
A. ₹ 15,187.50 B. ₹ 16,875.00
C. ₹ 16,875.50 D. ₹ 16,785.00
23. Study of the earth is known as
TTA: 15 Seconds
A. Ecology B. Biology
C. Ethology D. Geology
24. School W in a village provides education from nursery to standard 4. In the same village, School B and school K provide education from standard 5 to 10. School F, which is in a nearby town, provides higher secondary education, that is, standard 11th and 12th only. The village has only three schools. Parents in the village have requested for more schools to the local panchayat.
Which conclusion follows the given statements?
TTA: 45 Seconds
A. Schools are less in the village because parents do not want their children to study.
B. Due to the lack of teachers, village schools cannot compete with town schools.
C. For higher secondary education, children in the village have to travel to the nearby town.
D. Parents will send their kids to town if school F provides primary education too.
25. The difference between the ages of mother and son was 21 when the mother's age was 43. If the father is elder by 3 years to mother, what will be the difference between the ages of son and father when father attains 50 years?
TTA: 75 Seconds
A. 21 B. 22
C. 23 D. 24
26. A shop keeper purchased 15 kg of sugar and 20 kg of wheat at ₹ 50 and ₹ 75 per kg respectively. On selling them, he gained 10% on sugar and 20% on wheat. What was the total sale value?
TTA: 80 Seconds
A. ₹ 2,550 B. ₹ 2,625
C. ₹ 1,800 D. ₹ 1,575
27. Select the alternative that shows a different relationship as the given pair :
Crude : Raw
TTA: 30 Seconds
A. Isolation : Separation
B. Distinguished : August
C. Assert : Hide
D. Stop : Conclude

28. X can finish 25% of work in a day. Y can do 12.5% of the same work in a day. In how many days, will both of them finish the work together?
TTA: 65 Seconds
A. 2.67 days B. 2.33 days
C. 3.33 days D. 3.67 days
29. If $x + 2y = 27$ and $x - 2y = -1$, find the value of y .
TTA: 68 Seconds
A. 13 B. 14
C. 7 D. 26
30. When did Bangladesh become an independent parliamentary democracy?
TTA: 15 Seconds
A. December 1971 B. January 1972
C. March 1972 D. February 1972
31. Find the smallest of the following decimals.
TTA: 50 Seconds
A. $0.2 \times 0.2 \times 0.2$ B. $\frac{0.02}{3}$
C. $\frac{0.01}{2}$ D. $0.1 \times 0.02 \times 2$
32. Find the range of the data 2, 1, 2, 3, 5, 4, 7, 3, 5, 2 and 4.
TTA: 65 Seconds
A. 5 B. 4
C. 3 D. 6
33. A person with blood group AB⁺
TTA: 25 Seconds
A. Can donate blood to persons with blood group A, Bando.
B. Is called a universal blood donor.
C. Can receive blood from any group.
D. Is neither a universal recipient nor a donor.
34. You purchased two pieces of cloth measuring 1.2 m and 1.3 m each at ₹ 330 and ₹ 270 per meter respectively and gave ₹ 1,000 at the payment counter. How much cash will you get back?
TTA: 65 Seconds
A. ₹ 253 B. ₹ 604
C. ₹ 649 D. ₹ 235
35. Which one of the following does not belong to the group?
TTA: 20 Seconds
A. Android B. BADA
C. DOS D. Symbian
36. Find the odd one out among the following :
TTA: 35 Seconds
A. ECS B. RTGS
C. NEFT D. EMI
37. What is the difference between the maturity values, if ₹ 12,500 is invested for 2 years at 20% per annum simple interest and compound interest?
TTA: 65 Seconds
A. ₹ 750 B. ₹ 650
C. ₹ 550 D. ₹ 500
38. Under the Indian Constitution, legislative powers are vested with the
TTA: 20 Seconds
A. President
B. Prime Minister
C. Union Council of Ministers
D. Parliament
39. When a person can see only nearby objects, the condition is called
TTA: 15 Seconds
A. Hypermetropia B. Astigmatism
C. Myopia D. Retinopathy
40. The speed of car B is half the speed of car A. If car A covers a distance of 120 km in $\frac{3}{2}$ hours, what is the speed of car B?
TTA: 85 Seconds
A. 40 km/h B. 60 km/h
C. 30 km/h D. 50 km/h
41. If SWEET is written as XAHGU, then HORSE is
TTA: 35 Seconds
A. MSUVF B. MTVUF
C. MTVUD D. MSUUF
42. Five people P, Q, R, S, and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician, and doctor in random order. A person pursues only one profession and visits the office only one day in a week. Consider the following information and answer the question based on it.
1. The plumber visits the office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not a plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.
Which is the right combination?
TTA: 78 Seconds
A. Monday-Electrician B. Thursday-Cook
C. Tuesday-Carpenter D. Friday-Doctor
43. Five people P, Q, R, S, and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician, and doctor in random order. A person pursues only one profession and visits the office only one day a week. Consider the following information and answer the question based on it.
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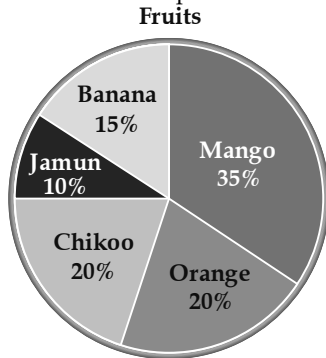
5. S work on a Tuesday and T works on the following day.
The doctor visits the office on
TTA: 45 Seconds
A. Fridays B. Wednesdays
C. Thursdays D. Tuesdays
44. Five people P, Q, R, S, and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician, and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer the question based on it.
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 - P is an electrician who comes neither on Tuesday nor Thursday.
 - Tisa carpenter and R is not a plumber.
 - The person who visits the office on Thursday is not a doctor.
 - S works on a Tuesday and T works on the following day.
- Who is the plumber?
TTA: 45 Seconds
A. Q B. S
C. R D. T
45. An assertion (A) and a reason (R) are given below.
Assertion (A) : Mangoes are sweet when they are ripe.
Reason (R) : Mangoes are available mainly in summer in India.
Choose the correct option.
TTA: 60 Seconds
A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true
46. Statements followed by some conclusions are given below.
Statements :
1. Sam sleeps more than Ram who sleeps only for 5 hours every day.
2. Shyam sleeps for 8 hours which is lesser than Sam's by 2.
Conclusions :
I. Sam sleeps for 6 hours.
II. Ram has a bad sleeping habit.
Find which of the given conclusion(s) logically follow(s) from the given statements.
TTA: 75 Seconds
A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.
47. What number, from the following, should be deducted from 1,184 to make it exactly divisible by 21?
TTA: 65 Seconds
A. 15 B. 12
C. 8 D. 7
48. A rectangular playground of length 125 m and width 75 m, has a walking strip of width 3 m in the middle of the ground, along the longer side. What is the area of the ground without the walking strip?
TTA: 69 Seconds
A. 9,375 sq. m B. 9,000 sq. m
C. 9,750 sq. m D. 8,625 sq. m
49. Cultivation is difficult on red soil because
TTA: 20 Seconds
A. Its water holding capacity is less.
B. It is highly contaminated.
C. Biological components do not mix with it.
D. It is red in colour.
50. The United Nations Development Programme (UNDP) focuses on
TTA: 22 Seconds
A. Solutions to global development challenges.
B. Developing nations.
C. Under-developed nations.
D. Developed nations.
51. If Sun: Star then Moon :
TTA: 46 Seconds
A. Star B. Planet
C. Comet D. Satellite
52. Find the missing number (?) in the series 1, 1, 4, 8, 9,, 16, 64.
TTA: 40 Seconds
A. 21 B. 23
C. 25 D. 27
53. Find the HCF of 48, 92 and 140.
TTA: 65 Seconds
A. 8 B. 6
C. 4 D. 3
54. If mathematical operators '−' and '÷' are interchanged, then the value of $15 \times 4 + 15 - 11 \times 33 \div 98$ is
TTA: 70 Seconds
A. 6 B. 7
C. 8 D. 9
55. The standard deviation for the data 7, 9, 11, 13, and 15 is
TTA: 66 Seconds
A. 1 B. $2\sqrt{2}$
C. 2 D. $\sqrt{2}$
56. Looking at a lady, Joey said, "She is the mother of my mother's mother-in-law's husband". How is the lady related to Joey's father?
TTA: 55 Seconds
A. Mother B. Aunt
C. Mother-in-law D. Grandmother
57. One Gigabyte =? (in decimal value)
TTA: 18 Seconds
A. 1,000 bytes B. 1,000 bytes
C. 10,003 bytes D. 1,000+ bytes

58. The annual award of 'Gandhi Peace Prize' is given to

TTA: 20 Seconds

- A. Individuals only
- B. Institutions only
- C. Individuals and institutions
- D. Group of institutions

Direction : (59-61) The following pie chart shows fruit tree distribution in farmland. Consider the chart and answer the question based on it.



59. The sector angle corresponding to the Banana is

TTA: 85 Seconds

- A. 90°
- B. 54°
- C. 72°
- D. 36°

60. What is the ratio of Chikoo and Mango trees to that of Jamun, Orange and Banana trees in the farmland?

TTA: 80 Seconds

- A. 1
- B. 1 : 3
- C. 11 : 9
- D. 3 : 1

61. If there are in all 960 trees, then how many of them are Mango trees?

TTA: 70 Seconds

- A. 192
- B. 288
- C. 384
- D. 336

62. The concept of Triratna belonged to

TTA: 20 Seconds

- A. Sikhism
- B. Jainism
- C. Buddhism
- D. Zoroastrianism

63. What is meant by space tourism?

TTA: 20 Seconds

- A. Scientific space exploration.
- B. Space travel for leisure.
- C. Touring the world only by flight.
- D. Reaching out to Mars.

64. Which country among the following is the smallest in terms of area?

TTA: 15 Seconds

- A. Brazil
- B. India
- C. Canada
- D. Russia

65. Why does a piece of cloth, which appears green in sunlight, appear black when it is viewed under a red light?

TTA: 22 Seconds

- A. The cloth completely absorbs red colour wavelength.
- B. It is due to refraction.
- C. It is the effect of the scattering of light.
- D. It is due to parallax error.

66. A is D's brother. D is the son of Mrs. C. B is Mrs. C's father. How is A related to B?

TTA: 35 Seconds

- A. Grandson
- B. Brother
- C. Son
- D. Grandfather

67. If S means '+', L means '×', U means '÷' and K means '-', then the value of 21 S1U7L15U6 L14 K55 is

TTA: 30 Seconds

- A. -50
- B. 26
- C. -29
- D. 29

68. In a certain coding language, 'Ginger is a root' is written as 4123, 'A tree has a root' is 75422 and 'Tree is green' is 385. Which digit represents 'root'?

TTA: 40 Seconds

- A. 4
- B. 5
- C. 3
- D. 2

69. Hirakud reservoir is built across the river

TTA: 15 Seconds

- A. Sutlej
- B. Godavari
- C. Mahanadi
- D. Narmada

70. Which of the following authority is elected on the basis of proportional representation in India?

TTA: 18 Seconds

- A. Prime Minister
- B. President
- C. Governor
- D. Lok Sabha Speaker

71. How many players, on each side, are required for the game of volleyball?

TTA: 14 Seconds

- A. 6
- B. 8
- C. 5
- D. 7

72. A man travelled at 40 km/h. Had he increased his speed by 16 km/h, he would have covered 80 km more in the same time. Find the actual distance travelled?

TTA: 65 Seconds

- A. 250 km
- B. 200 km
- C. 300 km
- D. 180 km

73. AC is converted into DC by

TTA: 18 Seconds

- A. Condenser
- B. Rectifier
- C. Amplifier
- D. Filter

74. Which one among the following does not belong to the group?

TTA: 18 Seconds

- A. Maestro
- B. Visa
- C. Master
- D. Credit Card



75. Statements followed by some conclusions are given below.

Statements :

- Smoking is injurious to health and one of the causes of cancer.
- The government has prohibited smoking in public places.

Conclusions :

- Smoking causes cancer.
- The sale of cigarettes should be banned.

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

TTA: 65 Seconds

- Only conclusion I follows.
 - Only conclusion II follows.
 - Both I and II follow.
 - Neither I nor II follows.
76. In which quadrant, will the point (4, -2) be located?
TTA: 35 Seconds
- I
 - II
 - III
 - IV

77. If SELFIE = LXKEYBX, then PHYSICS = ?

TTA: 38 Seconds

- IARLBVL
- IARLBJL
- IARBLJL
- IARBLVL

78. Four pairs of words are given. Find the odd one out.

TTA: 30 Seconds

- Horse: Calf
- Deer: Fawn
- Fish: Fry
- Goat: Kid

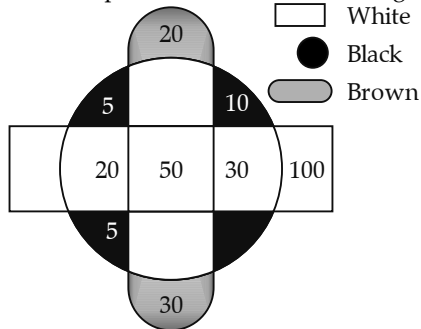
79. Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

TTA: 40 Seconds

- OENS
- KWLA
- ALIN
- EDAH

Direction : (80-82) Study the following diagram and answer the question based on it.

The colour preferences of children are given.



80. How many children like both brown and white but not black?

TTA: 75 Seconds

- 10
- 20
- 50
- None

81. The ratio of children who like brown to those who like black is

TTA: 75 Seconds

- $\frac{5}{3}$
- $\frac{1}{2}$
- 1
- $\frac{5}{6}$

82. The ratio of kids who do not like black to those who like only black and white are

TTA: 75 Seconds

- 3 : 1
- 3 : 2
- 12 : 5
- 5 : 12

83. 'Grand Slam' refers to winning certain major tennis tournaments in a single calendar year. The names of the same are

TTA: 22 Seconds

- Australian Open, French Open, and US Open
- Australian Open, French Open, US Open, and Wimbledon
- French Open, US Open, and Wimbledon
- French Open, US Open, Wimbledon, and Olympic

84. Find the value of $x^3(x^3 - x^2 - x)$, when $x = 4$.

TTA: 45 Seconds

- 2,816
- 3,328
- 2,516
- 3,332

85. With effect from 1st April 2010, banks have been allowing interest on saving account balance on

TTA: 20 Seconds

- Annual basis
- Half-yearly basis
- Quarterly basis
- Daily basis

86. $97 \times 97 = ?$

TTA: 55 Seconds

- 9,391
- 9,409
- 9,049
- 9,309

87. Which of the following statement is true?

TTA: 20 Seconds

- Global warming and climate change are two different issues.
- Global warming will reduce the annual build-up of glacier ice.
- Global warming may cause sea levels to go down.
- Global warming may cause a contraction of deserts.

88. Which one of the following books was NOT written by Dr. A. P. J. Abdul Kalam?

TTA: 22 Seconds

- The Scientific Indian
- Envisioning an Empowered Nation
- My Country, My Life
- Ignited Minds

89. The value of $\cos(1110^\circ)$ is

TTA: 45 Seconds

- $\frac{\sqrt{3}}{2}$
- $\frac{1}{2}$
- $\frac{1}{\sqrt{2}}$
- 1

90. If $\sin \theta = \frac{2}{3}$, find the value of $\sec \theta$ and $\cot \theta$.

TTA: 60 Seconds

- A. $\frac{\sqrt{5}}{2}, \frac{2}{\sqrt{5}}$ B. $\frac{2}{\sqrt{5}}, \frac{3}{5}$
 C. $\frac{3}{\sqrt{5}}, \frac{\sqrt{5}}{2}$ D. $\frac{3}{5}, \frac{3\sqrt{5}}{5}$

91. ZIKA virus which damages the brain of the fetus is

TTA: 14 Seconds

- A. Mosquito-borne B. Water-borne
 C. Air-borne D. Food-borne

92. Simplify: $(x^5 \div x^4)^3 \div x$?

TTA: 48 Seconds

- A. x^3 B. x^2
 C. x D. $x - 1$

93. An article was sold for ₹ 2,400 at a discount of 20%. Find the selling price, if the discount was 25%.

TTA: 65 Seconds

- A. ₹ 2,250 B. ₹ 2,000
 C. ₹ 1,800 D. ₹ 2,150

94. In a certain code, 134 is AGE and 92706 is INERT. What is 016923?

TTA: 45 Seconds

- A. EATING B. RANGER
 C. RATING D. GINGER

95. The name of the space shuttle, which carried the Indian born Kalpana Chawla into space was

TTA: 15 Seconds

- A. Columbia B. Challenger
 C. Atlantis D. Endeavour

96. Find the similarity in the following :
 Carbon, Silicon, Boron, Arsenic

TTA: 25 Seconds

- A. All of them are gases.
 B. All of them are non-metals.
 C. All of them are metals.
 D. No similarity.

97. A tank can be filled in 30 minutes. There is a leakage that can empty the tank in 90 minutes. Therefore, the tank will be filled in

TTA: 65 Seconds

- A. 60 minutes B. 45 minutes
 C. 55 minutes D. 50 minutes

98. Prostate in human body is a

TTA: 20 Seconds

- A. Connective tissue B. Gland
 C. Membrane D. Muscle

99. A product was sold for ₹ 4,500 at a profit of 12.5%. What was the amount of profit?

TTA: 45 Seconds

- A. ₹ 125 B. ₹ 250
 C. ₹ 500 D. ₹ 300




100. Find the odd one out :

TTA: 25 Seconds

- A. NaCl B. Na_2CO_3
 C. H_2O D. He

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

PERFORMANCE ANALYSIS

OVERALL	
Avg. Score	57/100
Toppers Score	90/100
Cut Off	78/100
Your Score	_____



OSWAAL LEARNING TOOLS

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Or Scan the Code

