

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.

- Rearrange the jumbled letters to make meaningful words and then select the one which is different.
TTA: 30 Seconds
A. LOWELY B. IFER
C. THIWE D. WRONB
 - Find the value of '?', if the mean of the data set 18, 16, 22, 13, ? = 16.
TTA: 35 Seconds
A. 9 B. 11
C. 10 D. 12
 - Which of the following will fit in '?' place in the following series?
AN, BO, CP, DQ, ?
TTA: 45 Seconds
A. ES B. RE
C. FS D. ER
 - The planet Mars is also known as the
TTA: 15 Seconds
A. Morning star B. Evening star
C. Red planet D. Blue planet
 - What is the common name of the solution of calcium hydroxide?
TTA: 20 Seconds
A. Lime water B. Diet soda
C. Salt solution D. Vinegar
 - Nurse : Ward : : Teacher : ?
TTA: 25 Seconds
A. Student B. Board
C. Class D. Lesson
 - 'Smiling Buddha' was the code name for
TTA: 20 Seconds
A. The rescue and relief operations after the cloudburst in Uttarakhand in 2013.
B. The rescue and relief operations after an earthquake hit Nepal in 2015.
C. Pokhran-II nuclear test conducted by India in 1998.
D. Pokhran-I nuclear test conducted by India in 1974.
- Direction : (8-10)** Consider the following information and answer the questions based on it. Six cars S, T, V, W, X, and Y are parked in a parking lot, in a random order, from left to right, such that-
- T is parked on the extreme right.
 - V is parked to the immediate right of Y and is one car away from W.
 - X is to the immediate left of T and is three cars away from S.
- Number of cars between X and Y.
TTA: 85 Seconds
A. There are two cars between T and V.
B. There is one car between X and Y.
C. There are three cars between Y and S.
D. There is no car between X and W.
 - W is to the immediate right of
TTA: 85 Seconds
A. S B. Y
C. V D. Cannot be determined.
 - Which car is parked to the immediate left of X?
TTA: 85 Seconds
A. V B. Y
C. W D. T
 - Jantar Mantar in Delhi is historically important for
TTA: 15 Seconds
A. Public meetings
B. Hunger strikes
C. Ancient sculptures
D. Astronomical observatory
 - 'Bharat Stage Emission Standards' refers to
TTA: 15 Seconds
A. Vehicular pollution B. Industrial pollution
C. Water pollution D. Soil pollution
 - Statements followed by some conclusions are given below.
Statements :
1. $MSL > N$
2. $N = R$
Conclusions :
I. $R > L$
II. $R < M$

- Find 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 I and II follow.
 D. Neither I nor II follows.
14. Find the odd statement : Two lines are perpendicular to each other if they are,
TTA: 25 Seconds
 A. Adjacent sides of a rectangle.
 B. Diagonals of a rhombus.
 C. The hypotenuse and one side of a right-angle triangle.
 D. Adjacent sides of a square.
15. A certain number of men agreed to do a work in 20 days. 5 men did not come to work. Others completed the work in 40 days. Find the number of men who had agreed to do the work originally.
TTA: 65 Seconds
 A. 8
 B. 10
 C. 12
 D. 15
16. How many prime numbers are there between the positive integers 60 and 100?
TTA: 45 Seconds
 A. 9
 B. 6
 C. 7
 D. 8
17. Which of the following micro-organism does not contribute to soil development?
TTA: 15 Seconds
 A. Bacteria
 B. Fungi
 C. Protozoa
 D. Virus
18. Train A took 35 minutes to cover a distance of 50 km. If the speed of train B is 25% faster than train A, it will cover the same distance in
TTA: 65 Seconds
 A. 25 minutes
 B. 28 minutes
 C. 30 minutes
 D. 36 minutes
19. Find the value of $y(y^4 - y^2 - y)$ when $y = 5$.
TTA: 70 Seconds
 A. 2,900
 B. 2,975
 C. 2,925
 D. 2,995
20. The sum of two positive integers is 34 and their difference is 8. Find their product.
TTA: 60 Seconds
 A. 308
 B. 273
 C. 209
 D. 345
21. The LCM of the two numbers is 66. The numbers are in the ratio of 2 : 3. The sum of the numbers is:
TTA: 65 Seconds
 A. 60
 B. 55
 C. 50
 D. 65
22. If P means ' \div ', R means ' \times ', Q means ' $+$ ' and S means ' $-$ ', then $36P6Q7R8S11 =$
TTA: 45 Seconds
 A. 45
 B. 51
 C. 52
 D. 62
23. Multitasking system specifically refers to
TTA: 15 Seconds
 A. More than one user.
 B. More than one process.
 C. More than one hardware.
 D. More than one IP address.
24. Union Government's School Nursery Yojana is about
TTA: 15 Seconds
 A. Creating environmental awareness in young minds.
 B. Streamlining admissions in nursery schools.
 C. Bringing nursery schools under regulations.
 D. Creating awareness about the safety of children.
25. Ms. Chandra said that Lakshmi's husband is the only son of my grandfather. How is Ms. Chandra related to Lakshmi?
TTA: 45 Seconds
 A. Mother
 B. Daughter
 C. Cousin
 D. Niece
26. Chief Election Commissioner of India can be removed from the office by
TTA: 20 Seconds
 A. Both houses of Parliament
 B. Union council of Ministers
 C. President of India
 D. Chief Justice of India
27. $\cos^2 90^\circ + \operatorname{cosec}^2 45^\circ - \cot^2 45^\circ =$
TTA: 65 Seconds
 A. 2
 B. 1
 C. $\frac{1}{2}$
 D. $\frac{13}{2}$
28. As per Census of India 2011, the population density was about
TTA: 15 Seconds
 A. 382 people per sq.km
 B. 353 people per sq.km
 C. 402 people per sq.km
 D. 428 people per sq.km
29. The difference between the ages of two sisters is 4 years when father's age is 54. Father is elder by 2 years to mother. Younger sister's age is half of mother's age. Find the age of elder sister.
TTA: 65 Seconds
 A. 26
 B. 27
 C. 29
 D. 30
30. $2^2 - 3^3 + 4^3 - 6^2 = ?$
TTA: 60 Seconds
 A. 2
 B. 3
 C. 4
 D. 5
31. Syed Modi International Grand Prix Gold Championship is held every year at _____
TTA: 15 Seconds
 A. Chandigarh
 B. Lucknow
 C. Delhi
 D. Hyderabad



32. Name the first woman to head a paramilitary force.
TTA: 15 Seconds
 A. Divya Ajith
 B. Archana Ramasundaram
 C. Punita Arora
 D. Ashwini Pawar

33. Who was known as Badshah Khan?
TTA: 15 Seconds
 A. Mohammed Ali Jinnah
 B. Abul Kalam Azad
 C. Khan Abdul Ghaffar Khan
 D. Khan Abdul Wali Khan

Direction : (34-36) The following table represents the rainfall (in mm) of five states from June to September in a year.

	June	July	August	September
JK	1100	1100	1000	1200
HP	1100	1100	1000	1300
WB	1400	1300	1200	1000
GA	1000	1300	1500	1700
TN	1200	1050	1000	1100

Consider the information and answer the question based on it.

34. Which state has the lowest average rainfall?
TTA: 70 Seconds
 A. JK
 B. HP
 C. WB
 D. TN
35. Which state shows a gradual increase in its rainfall from June to September?
TTA: 70 Seconds
 A. HP
 B. WB
 C. GA
 D. TN
36. Which month received the lowest rainfall in the year?
TTA: 70 Seconds
 A. June
 B. July
 C. August
 D. September
37. The average age of 8 men is increased by 3 years when two of them, whose ages are 30 and 34 years, are replaced by 2 persons. What is the average age of these 2 persons?
TTA: 65 Seconds
 A. 24 years
 B. 32 years
 C. 44 years
 D. 48 years
38. During the morning walk, a man covers a distance of 3 km, 4 km, 3.5 km, 5 km and 4.5 km from Monday to Friday respectively. How much distance should he cover on two more days, so that his average per week becomes 4 km per day?
TTA: 75 Seconds
 A. 4
 B. 8
 C. 5
 D. 6
39. Find the HCF & LCM of 16 and 24.
TTA: 60 Seconds
 A. 8, 48
 B. 4, 12
 C. 2, 24
 D. 4, 48

40. Saffron is produced on a large scale in
TTA: 15 Seconds
 A. Himachal Pradesh
 B. Gujarat
 C. Jammu and Kashmir
 D. Kerala

41. A man purchased a cycle for ₹ 3,000 and agreed to pay 12% on the amount as interest. He repaid principal and interest in 12 equal monthly instalments. Find the amount of each instalment.
TTA: 65 Seconds
 A. ₹ 260
 B. ₹ 240
 C. ₹ 280
 D. ₹ 300

42. The political system in Afghanistan is known as
TTA: 15 Seconds
 A. Islamic State of Afghanistan
 B. Islamic Republic of Afghanistan
 C. Islamic Emirate of Afghanistan
 D. Islamic Government of Afghanistan

43. If 'are you sam' = 'ri ai ki', 'all hate you' = 'vi li ri' and 'all are fake' = 'mi ai li' then which represents 'hate'?
TTA: 45 Seconds
 A. ri
 B. li
 C. vi
 D. ai

44. Pointing to K, M said that she was the daughter of the only son of his grandfather. How M is related to K?
TTA: 35 Seconds
 A. Mother
 B. Maternal aunt
 C. Daughter
 D. Sister

45. Find the mean value of 2, 3, 3, 4, 6, and 7.
TTA: 60 Seconds
 A. 4.17
 B. 4.15
 C. 4.13
 D. 4.70

46. Who won the majority of the men's singles tennis grand slam tournaments in 2015?
TTA: 15 Seconds
 A. Andy Murray
 B. Novak Djokovic
 C. Roger Federer
 D. Stanislas Wawrinka




47. Selling price of a shirt and a coat is ₹4,000. The cost price of the shirt is 58.33% of the cost price of the coat and the amount of profit on both, the shirt and the coat, is same, then the price of the shirt could be :
TTA: 65 Seconds
 A. ₹2,100
 B. ₹2,525
 C. ₹2,499
 D. ₹1,120

48. If CABINET = EIACBTN, then COMPUTE =
TTA: 55 Seconds
 A. TPOMEUC
 B. TPOCMEU
 C. PTOCMEU
 D. CMUEOPT

49. The Constituent Assembly adopted Indian national flag on
TTA: 15 Seconds
 A. 22nd July 1947
 B. 22nd August 1947
 C. 22nd January 1948
 D. 22nd October 1947

50. When milk becomes sour, _____ is produced.
TTA: 15 Seconds
A. Lactose B. Lactic acid
C. Salicylic acid D. Linoleic acid
51. A shop keeper purchased 10 kg of rice and 20 kg of sugar at ₹ 75 and ₹ 85 per kg respectively. On selling, he gained 20% on rice and 10% on sugar. What was the total sale price?
TTA: 70 Seconds
A. ₹ 2,695 B. ₹ 2,770
C. ₹ 2,800 D. ₹ 2,750
52. Yellow fever is mainly transmitted among humans by
TTA: 15 Seconds
A. Female mosquito bite
B. Male mosquito bite
C. Water
D. Air
53. Read the given statements carefully and answer the question.
The main reasons for vehicles crawling on city roads during peak hours are increasing number of private vehicles and double parking which is a very common sight. A survey reveals that vehicles move on an average of 20 km/h during peak hours. Which of the following is true according to the given statement?
TTA: 90 Seconds
A. Vehicles move at 20 km/h during 5 pm to 9 pm.
B. Double parking is not a violation of traffic rules in the city.
C. The number of private vehicles has gone up.
D. The number of Government vehicles remains the same.
54. Which of the following is in ascending order?
TTA: 55 Seconds
A. 0.65, 0.76, 0.67, 0.86
B. 0.65, 0.86, 0.67, 0.76
C. 0.65, 0.67, 0.76, 0.86
D. 0.67, 0.65, 0.76, 0.86
55. Which one does not belong to the group?
TTA: 20 Seconds
A. Zee B. Screen
C. Colors D. Sony
56. A path of 2.5 m width surrounds a rectangular garden of length 10 m and breadth 8 m. Area of the garden, inclusive of the path is
TTA: 60 Seconds
A. 130.25 sq.m B. 131.25 sq.m
C. 195.00 sq.m D. 162.50 sq.m
57. Find the similarity in the following :
TTA: 35 Seconds
Leopard, Tiger, Jaguar, Lion
A. All of them are found in India.
B. All of them belong to the cat family.
C. All of their young ones are called kittens.
D. There is no similarity.
58. The end of British rule in India came in the year
TTA: 15 Seconds
A. 1946 B. 1947
C. 1948 D. 1950
59. A trader bought 10 kg of tea at ₹ 400 per kg. He sold half the quantity at 20% loss and remaining at 10% profit. What was his net profit or loss in percentage?
TTA: 65 Seconds
A. 5% loss B. 5% gain
C. 10% loss D. 10% gain
60. A mixture contains spirit and water in the ratio 3 : 2. If it contains 3 litres more spirit than water, the quantity of spirit in the mixture is :
TTA: 75 Seconds
A. 10 litres B. 12 litres
C. 8 litres D. 9 litres
61. A and B can do a piece of work in 28 days. With the help of C they can finish it in 21 days. How long will C take to finish it ?
TTA: 70 Seconds
A. 60 days B. 84 days
C. 42 days D. 75 days
62. Who was the first chairman of ISRO?
TTA: 15 Seconds
A. Kasturirangan B. Vikram Sarabhai
C. Homi K. Bhabha D. C.V. Raman
63. Find the odd statement out in relation to the firewall.
TTA: 20 Seconds
A. A firewall can be software.
B. A firewall can be hardware.
C. A firewall can be a combination of software & hardware.
D. The firewall protects the computer from fire.
64. What will be the cost of levelling a circular ground of diameter 28 m, if the charges are ₹ 125 per sq.m ($\pi = 22/7$).
TTA: 65 Seconds
A. ₹ 76,000 B. ₹ 76,400
C. ₹ 76,800 D. ₹ 77,000
65. The popular Yankee Stadium in the USA is located at
TTA: 15 Seconds
A. Boston B. New York
C. Las Vegas D. Washington
66. $\operatorname{cosec}(90^\circ - \theta) = ?$
TTA: 65 Seconds
A. $\tan \theta$ B. $\cot \theta$
C. $\sec \theta$ D. $\cos \theta$
67. An article was sold for ₹ 2,100 at a profit of 25%. What is its cost price?
TTA: 70 Seconds
A. ₹ 1,620 B. ₹ 1,640
C. ₹ 1,660 D. ₹ 1,680

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

PERFORMANCE ANALYSIS

OVERALL	
Avg. Score	59/100
Toppers Score	95/100
Cut Off	83/100
Your Score	_____



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