

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.

- Contemporary: Historic : : _____ : Ancient
TTA: 15 Seconds
A. Past B. Classic
C. Modern D. Future
- Project Loon is a search engine projected by _____ for providing internet access to rural and remote areas using high- altitude helium-filled balloons.
TTA: 10 Seconds
A. Google B. Microsoft
C. Apple D. Yahoo
- The communication satellite launched by India in November 2015 is
TTA: 12 Seconds
A. GSAT-6 B. GSAT-15
C. GSAT-16 D. IRNSS-1E
- The HCF of two numbers is 4 and the two other factors of LCM are 5 and 7. Find the smaller of the two numbers.
TTA: 30 Seconds
A. 10 B. 14
C. 20 D. 28
- Capital of Nagaland is
TTA: 16 Seconds
A. Dimapur B. Kohima
C. Mokokchung D. Tezpur
- E and F can do a work in 10 days. If E alone can do it in 30 days, F alone can do it in _____ days.
TTA: 65 Seconds
A. 15 B. 20
C. 25 D. 18
- Who was the founder of Swaraj Party?
TTA: 15 Seconds
A. C. Rajagopalachari
B. Motilal Nehru
C. Lala Lajpat Rai
D. Mahatma Gandhi
- $2\cos\left(\theta - \frac{\pi}{2}\right) + 3\sin\left(\theta + \frac{\pi}{2}\right) - (3\sin\theta + 2\cos\theta) = ?$
TTA: 45 Seconds
A. $\cos\theta - \sin\theta$ B. $\sin\theta - \cos\theta$
C. $\sin\theta + \cos\theta$ D. $\cot\theta - \tan\theta$
- Banaras Hindu University, which completed 100 years in February 2016, was founded by
TTA: 15 Seconds
A. Gulzari Lal Nanda
B. Madan Mohan Malaviya
C. Jay Prakash Narayan
D. Sarvepalli Radhakrishnan
- Which one is not a good conductor of electricity?
TTA: 15 Seconds
A. Porcelain B. Aluminium
C. Tungsten D. Nickel
- A statement, followed by some conclusions, is given below.
Statement: Based on his performance, Rajesh got a poor rating in his office.
Conclusions:
I. Rajesh did not perform well.
II. The rating given to Rajesh was not up to the mark.
Find which of the given conclusions logically follow from the given statement.
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.
- S can finish 50% of a work in a day. T can do 25% of the work in a day. Both of them together will finish the work in how many days?
TTA: 65 Seconds
A. 2.66 B. 2.33
C. 1.33 D. 1.67
- ICT is the common abbreviation of
TTA: 15 Seconds
A. International Communication Technology
B. Intelligent Communication Technology
C. Inter-state Communication Technology
D. Information and Communication Technology



14. Find the fourth proportional to 3.6, 6.9 and 11.4.
TTA: 60 Seconds
A. 20.3 B. 18.9
C. 19.6 D. 21.9
15. 82, 70, 76, 64, 70, 58, ?
TTA: 45 Seconds
A. 52 B. 76
C. 64 D. 48
Direction : (16-18) Consider the following information and answer the question based on it.
In a group of 75 students, 12 like only cabbage, 15 like only cauliflower, 21 like only carrot, 12 like both carrot and cabbage, 13 like only capsicum and 2 like both capsicum and cauliflower.
16. The difference between the people who like carrot and cauliflower is
TTA: 35 Seconds
A. 6 B. 18
C. 16 D. 4
17. What is the percentage of students who do not like cabbage?
TTA: 35 Seconds
A. 16 B. 32
C. 24 D. 68
18. How many students like only one vegetable?
TTA: 35 Seconds
A. 60 B. 61
C. 65 D. 71
19. Who was the first cricketer to score 4 successive centuries in World Cup Cricket?
TTA: 15 Seconds
A. Kumar Sangakkara
B. AB de Villiers
C. Ross Taylor
D. Saeed Anwar
20. Car X and Y start at the same time at speeds of 12 km/h and 16 km/h respectively. Find the distance between them after 3 minutes.
TTA: 45 Seconds
A. 200 m B. 150 m
C. 180 m D. 120 m
21. Consolation : Grief :: Sedative : _____
TTA: 20 Seconds
A. Chloroform B. Anesthesia
C. Pain D. Burn
22. If the length (L cm) and breadth (B cm) of a rectangle are increased by 25%, find the difference between the areas of the old and new rectangles.
TTA: 45 Seconds
A. $\frac{3LB}{2}$ sq. cm B. $\frac{24LB}{9}$ sq. cm
C. $\frac{9LB}{16}$ sq. cm D. $\frac{16LB}{9}$ sq. cm
23. The technology developed to track enemy submarines in World War II was
TTA: 15 Seconds
A. RADAR B. SONAR
C. Echolocation D. LIDAR
24. Read the given statement carefully and answer the question given below.
Statement :
A leading tennis star who faced media after failing a dope test said, "I don't want to end my career this way. I hope I will be given another chance to play this game. I let the sport down."
Which of the following is true according to the given statement?
TTA: 60 Seconds
A. He was challenging the outcome of the dope test.
B. He was confident that he was right and would continue to play.
C. He had admitted to testing positive in the dope test.
D. The sport let him down.
25. A human adult's entire digestive tract from mouth to anus is about _____ metres long.
TTA: 15 Seconds
A. 8 B. 7
C. 10 D. 9
26. Which one of the following is not alkaline?
TTA: 15 Seconds
A. Sodium B. Potassium
C. Lithium D. Sulphur
27. The average ages of parents and two children are 30 years and 8 years respectively. The average age of the family is
TTA: 45 Seconds
A. 16 years B. 19 years
C. 18 years D. 17 years
28. A statement, followed by some conclusions, is given below.
Statement : After landing on the moon, Neil Armstrong said, "One small step for a man, a giant leap for mankind."
Conclusions :
I. Neil Armstrong calls himself as mankind.
II. Neil Armstrong only echoed the feeling of achievement by mankind.
Find which of the given conclusions logically follow(s) from the given statement.
TTA: 40 Seconds
A. Only conclusion I follows.
B. Only conclusion II follows.
C. Both I and II follow.
D. Neither I nor II follows.
29. A student scored 470 marks in 6 subjects. The maximum marks for each subject was 100. What was his score in percentage terms?
TTA: 45 Seconds
A. 67.33% B. 69.45%
C. 78.33% D. 78.67%
30. An article was sold for ₹ 26,000 at a discount of 35%. Find the selling price if the discount was 15%.
TTA: 45 Seconds
A. ₹ 36,000 B. ₹ 40,000
C. ₹ 38,000 D. ₹ 34,000

31. If the mathematical operator ' \div ' means ' \times ', ' $+$ ' means ' $-$ ', ' \times ' means ' $+$ ' and ' $-$ ' means ' \div ', then $25 + 18 - 3 \times 7 \div 3 = ?$
TTA: 35 Seconds
A. 25 B. 21
C. 19 D. 40
32. A man covers 1 km in 10 minutes. What is his speed in km/h?
TTA: 65 Seconds
A. 5.33 B. 5
C. 6 D. 6.7
33. The _____ Five Year Plan of the Government of India (2012-17) is under drafting.
TTA: 15 Seconds
A. 10th B. 11th
C. 12th D. 13th
34. A man deposits ₹ 500 at the beginning of each year for 2 years at 10% p.a. compound annually. Find the maturity value at the end of the 2nd year.
TTA: 55 Seconds
A. ₹ 1,050 B. ₹ 1,150
C. ₹ 1,155 D. ₹ 1,200
35. Which ailment is not related to heart?
TTA: 15 Seconds
A. Aneurysm B. Cardiomyopathy
C. Diphtheria D. Myocardial rupture
36. If 'god is great' = 'cp an bo', 'great help done' = 'er cp fs' and 'he is great' = 'bo cp dq', then what represents, he is god?
TTA: 65 Seconds
A. cp er bo B. an bo cp
C. dq bo cp D. an bo dq
37. 'Euro' is the currency of
TTA: 15 Seconds
A. UK B. Sweden
C. Euro Zone D. Denmark
38. If the arithmetic mean of 10 numbers is 35 and each number is increased by 2, find the mean of the new set of numbers.
TTA: 25 Seconds
A. 28 B. 34
C. 40 D. 37
39. Gunpowder mainly contains
TTA: 15 Seconds
A. Calcium sulphate
B. Potassium nitrate
C. Lead sulphide
D. Zinc sulphide
40. Replace # sign with the mathematical operators ' $+$ ', ' \div ' and ' $-$ ' and ' $=$ ' to get a balanced equation out of $(27\# 15\#2)\# 10\# 4$. Choose the right sequence from below.
TTA: 35 Seconds
A. $+\div=-$ B. $-+=\div$
C. $+-\div=$ D. $+=\div-$
41. The most significant feature of Indus Valley civilization was
TTA: 15 Seconds
A. Barter system
B. Local transport system
C. Buildings made of brick
D. Administrative system
42. If ARC is written \$@* and HIT is #&% then CHAIR will be written as
TTA: 35 Seconds
A. #*&S@ B. #*\$&%
C. *#S&@ D. *#S&%
43. If 'health care is wealth' is written as 1372, 'health needs care' is written as 417, 'he needs wealth' is written as 463, then 'he is wealth' is written as _____
TTA: 45 Seconds
A. 326 B. 764
C. 624 D. 246
44. The difference between the length and breadth of a rectangle is 6 m. If its perimeter is 64 m, then its area is :
TTA: 70 Seconds
A. 256 sq.m B. 247 sq.m
C. 264 sq.m D. 238 sq.m
45. The price of 12 kg of sugar is equal to that of 6 kg of rice. The price of 10 kg of sugar and 8 kg of rice is ₹ 1040. Find the price of 1 kg of sugar.
TTA: 65 Seconds
A. ₹ 80 B. ₹ 70
C. ₹ 60 D. ₹ 40
46. CBDA ,GFHE, KJLI,
TTA: 30 Seconds
A. NOPM B. MNOP
C. PMNO D. ONPM
47. A man, who had no brother or sister, pointed out to a photo and said, "This boy is my father's son". Who was in the photo?
TTA: 25 Seconds
A. The man's son
B. The man's father
C. Himself
D. The man's grandfather
48. The HCF of two numbers is 6 and their LCM is 108. If one of the numbers is 12, then the other is
TTA: 45 Seconds
A. 27 B. 54
C. 48 D. 36
49. $9876 - ? + 5431 = 5553$
TTA: 35 Seconds
A. 9754 B. 9765
C. 8754 D. 9854
50. Bina is the daughter of Mohan who is the only son-in-law of Meena. Meena has only one child. Kiran is the granddaughter of Meena. How is Kiran related to Bina?
TTA: 40 Seconds
A. Sister B. Daughter
C. Maternal aunt D. Mother
51. NGT stands for
TTA: 20 Seconds
A. National Geographic Television
B. National Green Transport
C. National Green Trust
D. National Green Tribunal



52. If 'code' = 6241, 'made' = 5346, 'come' = 3124' and 'to' = 27 then 'dome' = ?
TTA: 35 Seconds
 A. 6134 B. 5214
 C. 6124 D. 6234
53. In 2012 Olympics, the maximum gold medals were won by
TTA: 15 Seconds
 A. China B. Great Britain
 C. U. S. A. D. Russia
54. India came directly under the rule of the British Crown in the year
TTA: 15 Seconds
 A. 1857 B. 1858
 C. 1859 D. 1856
55. E is the daughter of P who is the husband of the only daughter-in-law of K? How is E related to K?
TTA: 35 Seconds
 A. Daughter B. Grand daughter
 C. Grandmother D. Mother
56. A trader bought a bag of 40 kg of basmati rice at ₹ 125 per kg and another bag of 60 kg at ₹ 150 per kg. He sold the entire stock at a profit of 20%. Find the selling price per kg.
TTA: 45 Seconds
 A. ₹ 152 B. ₹ 158
 C. ₹ 168 D. ₹ 172
57. The mean of 25 values was 40. But one value was written as 25 instead of 50. The corrected mean is
TTA: 45 Seconds
 A. 39 B. 41
 C. 40 D. 42
58. What number should be deducted from 1265 to make it divisible by 29 exactly?
TTA: 45 Seconds
 A. 15 B. 16
 C. 18 D. 17
59. Headquarters of NASA is at
TTA: 15 Seconds
 A. New York B. Washington
 C. Boston D. Texas
60. Find a pair similar to "Arrow : Bow" from the following.
TTA: 15 Seconds
 A. Football : Hand B. Salad : Knife
 C. Bullet : Rifle D. Smoke : Water
61. Read the given statements carefully and answer the question.
 Knowledge and wisdom go hand in hand. The deeper the knowledge, the greater is the wisdom. Knowledge is awareness. Wisdom is required to tackle complications.
 Which of the following is true according to the given statements?
TTA: 65 Seconds
 A. Knowledge and wisdom are synonymous.
 B. Knowledge and wisdom are entirely different.
 C. Knowledge and wisdom are complementary to each other.
 D. Wisdom can supplant knowledge.
62. India covers _____ of earth's land area. (approximate)
TTA: 15 Seconds
 A. 2.8% B. 2.4%
 C. 2.0% D. 3.2%
63. If $a + 2b = 55$ and $a - 2b = -13$, find the value of b.
TTA: 35 Seconds
 A. 21 B. 14
 C. 17 D. 19
64. An article was sold for ₹ 3,600 at a discount of 10%. Find the selling price if the discount was 15%.
TTA: 45 Seconds
 A. ₹ 3,600 B. ₹ 4,000
 C. ₹ 3,800 D. ₹ 3,400
65. Which one is considered as India's first supercomputer?
TTA: 15 Seconds
 A. Aditya B. Vikram-100
 C. Param 8000 D. Shashtra T
66. Bangladesh has a land border with
TTA: 15 Seconds
 A. Only India B. India and Myanmar
 C. India and Bhutan D. India and China
67. Rearrange the jumbled letters to make meaningful words and then select the one which is different.
TTA: 25 Seconds
 A. DOGL B. TSEVO
 C. ENZROB D. LVREIS
68. Select the alternative that has a different relationship as the given pair
 Inside : Outside
TTA: 10 Seconds
 A. Day: Night B. Sun: Star
 C. Light: Dark D. White: Black
69. INSAT-3D, the meteorological Satellite with advanced weather monitoring payloads, was launched in
TTA: 15 Seconds
 A. 2012 B. 2013
 C. 2014 D. 2015
70. Verification of log-in name and password is for
TTA: 15 Seconds
 A. Authenticating the user.
 B. Re-confirming the user.
 C. Providing formal access to the user.
 D. Completing the formality of login-in.
71. Find the odd statement out in relation to a triangle.
TTA: 20 Seconds
 A. The longest side is opposite to the greatest angle.
 B. The exterior angle of a triangle = the sum of interior opposite angles.
 C. The sum of any 2 sides is greater than the 3rd side.
 D. The square of one side = the sum of the squares of the other two sides
72. $99 \times 99 = ?$
TTA: 15 Seconds
 A. 9791 B. 9801
 C. 9881 D. 9901

73. If $\cot 52^\circ = b$, $\tan 38^\circ = ?$
TTA: 45 Seconds
- A. $\sqrt{\quad}$ B. $\frac{\sqrt{b}}{2}$
C. $-b$ D. b
74. Infra-red rays are
TTA: 15 Seconds
- A. Longitudinal waves
B. Transverse waves
C. Mechanical waves
D. Electromagnetic waves
75. Statements followed by some conclusions are given below.
Statements :
1. God has distributed time equally to mankind but not money.
 2. But God has compensated by giving common sense.
- Conclusions :
- I. God has not done justice to mankind in distributing money.
 - II. One has to use common sense to manage money wisely.
- Find which of the given conclusions logically follows 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.
76. A compiler is a
TTA: 15 Seconds
- A. Hardware
B. Software
C. Neither Hardware nor Software
D. Card
77. Tashkent Declaration followed Indo-Pak war of
TTA: 15 Seconds
- A. 1947 B. 1965
C. 1971 D. 1999
78. The sum of the ages of 4 children born at the intervals of 4 years is 48. Find the age of the youngest child.
TTA: 55 Seconds
- A. 4 years B. 5 years
C. 6 years D. 7 years
79. The product of two numbers is 24 and the sum of their squares is 52. Find their sum.
TTA: 45 Seconds
- A. 5 B. 10
C. 15 D. 20
80. The ratio of two numbers is 3 : 1 and their sum is 72. Find the difference between the numbers.
TTA: 55 Seconds
- A. 24 B. 36
C. 32 D. 28
- Directions (81-83) : Consider the following information and answer the question based on it. P, Q, R and S are four friends who pursue

teaching, law, banking, cooking and own red, blue, white and yellow house, in a random order. An individual owns only one house and pursues only one profession.

1. P owns a red house and is not a banker.
 2. The owner of the blue house is a lawyer.
 3. The colour of S' house is neither yellow nor white.
 4. R is a teacher.
81. The Question : The owner of the blue house is
TTA: 55 Seconds
- A. S
B. R
C. Q
D. Cannot be determined
82. The question : Q is a
TTA: 55 Seconds
- A. Lawyer B. Banker
C. Cook D. Teacher
83. The question : White house is owned by
TTA: 55 Seconds
- A. Q B. R
C. S D. Cannot be determined
84. Which river does not flow into the Arabian Sea?
TTA: 15 Seconds
- A. Narmada B. Tapti
C. Periyar D. Mahanadi
85. Name the Chinese President who visited India in 2015.
TTA: 15 Seconds
- A. Xi Jinping B. Hu Jintao
C. Jiang Zemin D. Li Xian Ning

Directions (86-88) : The following table represents the makes of four students in five subjects.

	Physics	Chemistry	Maths	History	Geography
Shyam	45	50	49	51	65
Sunil	60	55	60	59	61
Jagdish	35	41	39	30	45
Rajesh	50	55	51	57	62

Consider the information provided above and answer the question based on it.

86. The difference between the total marks scored by Sunil and Jagdish is
TTA: 45 Seconds
- A. 190 B. 125
C. 105 D. 115
87. Who has the highest marks in History and Geography put together?
TTA: 45 Seconds
- A. Shyam B. Sunil
C. Jagdish D. Rajesh



88. Who has the highest average marks?
TTA: 35 Seconds
A. Shyam B. Sunil
C. Jagdish D. Rajesh
89. Khajuraho group of monuments can be found in
TTA: 15 Seconds
A. Maharashtra B. Bihar
C. Madhya Pradesh D. Gujarat
90. Stainless steel is
TTA: 15 Seconds
A. A compound. B. A mixture.
C. An element. D. An alloy.
91. Human respiration releases
TTA: 15 Seconds
A. Mixture of gases B. Carbon monoxide
C. Oxygen D. Carbon dioxide
92. Statue of Liberty is situated in
TTA: 15 Seconds
A. Paris B. Washington
C. Geneva D. New York
93. The historic Conference of Parties (COP 21) 2015, on climate change was held in
TTA: 15 Seconds
A. Geneva B. Davos
C. Paris D. Bonn
94. Usually, colour blindness is
TTA: 15 Seconds
A. A genetic disposition.
B. A non-genetic condition.
C. A lifestyle disease.
D. Caused by exposure to light.
95. What will happen to a person's weight when he is in a moving elevator?
TTA: 15 Seconds
A. Increase
B. Decrease
C. Weight will not change
D. May increase or decrease
96. Rajya Sabha is also known as
TTA: 15 Seconds
A. Legislative Council B. Senior House
C. Upper House D. Lower House
97. Which one does not belong to the group?
TTA: 20 Seconds
A. Panda Global B. Rabbit
C. Avast D. Kaspersky
98. Which country won the U-19 World cup Cricket 2016?
TTA: 15 Seconds
A. India B. Sri Lanka
C. West Indies D. Bangladesh
99. Find the mean of the values: 1, 9, 7, 3, 5, 5, 6, 4, 2 and 8.
TTA: 30 Seconds
A. 3 B. 4
C. 5 D. 6
100. At what percentage of simple interest per annum a certain sum will double in 10 years?
TTA: 35 Seconds
A. 7% B. 8%
C. 9% D. 10%

SMART ANSWERSHEET

Correct % Indicates % of students answered correctly.

Skipped % Indicates % of students skipped questions.



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

PERFORMANCE ANALYSIS

OVERALL	
Avg. Score	52/100
Toppers Score	91/100
Cut Off	80/100
Your Score	_____



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