

## 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.

- If the compound interest on a certain sum for 2 Years at 4% p.a. is ₹ 102. The simple interest at the same rate of interest for two years would be :  
TTA: 75 Seconds  
A. ₹ 200                      B. ₹ 50  
C. ₹ 150                      D. ₹ 100
- In a certain code, TRIPPLE is written as SQHOOKD. How is EXOTIC coded in that code?  
TTA: 35 Seconds  
A. DWNHSB                  B. DNWHSB  
C. DWNSHB                  D. DNWSHB
- X-Rays, which are now used on a day to day basis for diagnosis in medicine, was discovered by?  
TTA: 15 Seconds  
A. Wilhelm Rontgen      B. Niels Bohr  
C. Ernest Rutherford    D. Max Bon
- Which company has been associated with the development of Post-It and Scotch Tape?  
TTA: 15 Seconds  
A. Johnson and Johnson  
B. 3M  
C. Unilever  
D. Amazon
- Simplify  $5x(x + 2) + 4x$ .  
TTA: 40 Seconds  
A.  $5x^2 - 10$                   B.  $9x + 10$   
C.  $5x^2 - 14x$                 D.  $5x^2 + 14x$
- In a computer, what is the name of the high-speed memory used  
TTA: 15 Seconds  
A. Cache                      B. RAM  
C. BIOS                        D. Hard Disk
- A shopkeeper cheats to the extent of 10% while buying as well as selling by using false weights. His total gain is :  
TTA: 65 Seconds  
A. 23.25                      B. 21  
C. 23                            D. 24
- The cash difference between the selling prices of an article at a profit of 4% and 6% is ₹ 3. The ratio of two selling  
TTA: 75 Seconds  
A. 52 : 53                      B. 51 : 53  
C. 51 : 60                      D. 55 : 59
- The value of  $0.592 \div 0.8 = ?$   
TTA: 55 Seconds  
A. 7.4                          B. 0.74  
C. 740                          D. 0.074
- Laura was going with a boy and is asked by a woman about the relationship between them. Laura replied, "My maternal uncle and the uncle of his maternal uncle is the same". How is Laura related to that boy?  
TTA: 40 Seconds  
A. Mother and Son  
B. Aunt and Nephew  
C. Grandmother and Grandson  
D. Cannot be determined
- Compute of  $69696 \times 9999 = ?$   
TTA: 35 Seconds  
A. 696980304                B. 666890304  
C. 696809304                D. 696890304
- In a certain code, RIPLEF is written as 613829. PREACH is written as 362457 How is PILLER written in that code?  
TTA: 45 Seconds  
A. 318826                      B. 318286  
C. 618826                      D. 338816
- A container has two holes. The first hole alone empties the container in 15 minutes and the second hole alone empties the container in 10 minutes. If water leak out at a constant rate, how much longer does it take of both the holes together to empty the container?  
TTA: 65 Seconds  
A. 8 minutes                  B. 4 minutes  
C. 10 minutes                 D. 6 minutes



14. Who was appointed as the head of the Jury of the International Film Festival of India on November 2015?  
**TTA: 15 Seconds**  
 A. Anil Kapoor                      B. Shekhar Kapoor  
 C. Anupam Kher                      D. Naseeruddin Shah
15. Which of the following is a tsunami warning sign?  
**TTA: 15 Seconds**  
 A. Stormy weather  
 B. Hailstorm  
 C. Water falling back quickly from the beach.  
 D. Pets acting strangely
16. Answer the questions based on the below information.  
**TTA: 45 Seconds**  
 If '+' is '×', '-' is '+', '×' is '÷' and '÷' is '-' then  $6 + 7 \times 3 - 8 \div 20 = ?$   
 A. -3                                      B. 7  
 C. 2                                        D. 1
17. The most abundant of the rare gases is?  
**TTA: 15 Seconds**  
 A. Helium                                B. Argon  
 C. Neon                                    D. Nitrogen
18. Read the statement and select a conclusion from the given alternatives :  
**Statement :**  
 Sukhvinder emphasized the need to replace the present training program by another method which will bring out the real merit of the candidates.  
**Conclusions :**  
 I. It is not important to bring out the real merit of the candidates.  
 II. The present training program does not bring out the real merit of the candidates  
**TTA: 55 Seconds**  
 A. Only conclusion I follows.  
 B. Only conclusion II follows.  
 C. Both I and II follow.  
 D. Neither I nor II follows.
19. The variance of a set of data is 196. Then the standard deviation of the data is :  
**TTA: 70 Seconds**  
 A.  $\pm 14$                                 B. 14  
 C. 96                                        D. 98
20. The Indian National Army reclaimed the Andaman and Nicobar Island from British rule and named them?  
**TTA: 15 Seconds**  
 A. Swaraj Islands  
 B. Shaheed and Swaraj Island  
 C. Free Islands  
 D. Swatantra and Swaraj Island
21. Compute  $4923 \div 3547 - 10$ .  
**TTA: 45 Seconds**  
 A. 1                                        B. -1  
 C.  $\frac{1641}{179}$                                 D.  $\frac{1614}{179}$
22. A protruding part of the throat that is responsible for growing voice box in boys is called?  
**TTA: 15 Seconds**  
 A. Larynx                                B. Testosterone  
 C. Pharynx                                D. Adam's Apple
23. Which country is going to organize the FIFA U-17 World cup in the year 2017?  
**TTA: 15 Seconds**  
 A. Chile                                    B. Nigeria  
 C. UAE                                      D. India
24. The mean of the data  $1, \frac{1}{2}, \frac{1}{2}, \frac{3}{4}, \frac{1}{4}, 2, \frac{1}{2}, \frac{1}{4}, \frac{3}{4}$  is  
**TTA: 45 Seconds**  
 A.  $\frac{15}{18}$                                       B.  $\frac{13}{18}$   
 C.  $\frac{7}{9}$                                         D.  $\frac{8}{9}$
25. Variance of the data 2, 4, 5, 6, 8, and 17 is 23.33. Then the variance of 4, 8, 10, 12, 16, and 34 will be :  
**TTA: 65 Seconds**  
 A. 11.66                                B. 46.66  
 C. 93.3333                                D. 4.83
26. Mr. Mahesh sold a bus for ₹ 22,100 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?  
**TTA: 75 Seconds**  
 A. 29,700                                B. 30,000  
 C. 29,800                                D. 29,900
27. Read the statement and select a conclusion from the given alternatives :  
**Statements :**  
 All pens are pencils. Some pencils are erasers. Some erasers are ropes. All ropes are tents  
**Conclusions :**  
 I. Some tents are trams  
 II. Some ropes are pens  
 III. Some erasers are pens  
 IV. Some pencils are pens.  
**TTA: 45 Seconds**  
 A. Only I and II follow  
 B. Only I, II and III follow.  
 C. Only I and III follow  
 D. Only IV follows
28. Which is the correct ascending order of the given fractions ?  
**TTA: 40 Seconds**  
 A.  $\frac{2}{3}, \frac{5}{6}, \frac{3}{4}$   
 B.  $\frac{3}{4}, \frac{2}{3}, \frac{5}{6}$   
 C.  $\frac{2}{3}, \frac{3}{4}, \frac{5}{6}$   
 D.  $\frac{5}{6}, \frac{3}{4}, \frac{2}{3}$

29. If  $\tan A = \frac{15}{8}$  and  $\tan B = \frac{7}{24}$ , then  $\cos(A + B) = ?$   
**TTA: 60 Seconds**  
 A.  $\frac{87}{425}$                       B.  $\frac{304}{425}$   
 C.  $\frac{297}{425}$                       D.  $\frac{416}{425}$
30. Which country among the following voted in 2015 to be the first country to allow three-parent in-vitro fertilization?  
**TTA: 15 Seconds**  
 A. Britain                      B. USA  
 C. France                      D. Italy
31. The basic concept of Montessori education is :  
**TTA: 20 Seconds**  
 A. Discovery by travelling  
 B. Dreaming  
 C. Communicating  
 D. Self-discovery through experiment
32. The term polyarchy was used by Robert Dahl to describe a form of government in which?  
**TTA: 20 Seconds**  
 A. It reduces the multitudinous differences of opinion to relatively simple alternatives  
 B. It takes the individual as the basic unit of a democratic model  
 C. People can participate through their representations  
 D. People act both through the electoral system and the group process
33.  $(8)^{23} = ?$   
**TTA: 45 Seconds**  
 A. 14                      B. 2  
 C. 4                      D. 64
34. Ms. Kavitha borrowed ₹ 950 at 6% per annum simple interest. What amount will she pay to clear her debt after 4 years?  
**TTA: 75 Seconds**  
 A. 282                      B. 1187  
 C. 1178                      D. 228
35. Divide ₹ 368 in the ratio 1 : 5 : 8 : 9. The rupees in the respective ratios are given by.  
**TTA: 65 Seconds**  
 A. 16, 80, 127 & 145      B. 16, 80, 129 & 143  
 C. 16, 80, 128 & 144      D. 16, 80, 128 & 143
36. Which of the following is a probe to the Kuiper belt bodies?  
**TTA: 15 Seconds**  
 A. Voyager 1                      B. Van Allen Probe  
 C. New Horizon                      D. Pioneer 11
37. Dried fruit like raisins when soaked in water, bulge and get filled with water. What is the scientific reason that explains this daily life event?  
**TTA: 20 Seconds**  
 A. Osmosis                      B. Active Transport  
 C. Diffusion                      D. Passive Transport
38. India participated in the 2014 Commonwealth Games at  
**TTA: 15 Seconds**  
 A. Gold Coast, Australia  
 B. New Delhi, India  
 C. Samoa Pacific Island  
 D. Glasgow, United Kingdom
39. The order of rotational symmetry of a rectangle is :  
**TTA: 25 Seconds**  
 A. 1                      B. 4  
 C. 2                      D. 0
40. If the product of two numbers is 2,400 and their LCM is 96 then their HCF is :  
**TTA: 40 Seconds**  
 A. 35                      B. 240  
 C. 24                      D. 25
41. Josna takes 4 hrs 30 minutes in walking a distance and riding back to the same place where she started. She could walk both ways in 5 hr. 40 minutes. The time taken by her to ride back both ways is :  
**TTA: 70 Seconds**  
 A. 2 hr. 20 min                      B. 2 hr. 35 min  
 C. 2 hr. 45 min                      D. 2 hr. 15 min
42. Birth control pills contain  
**TTA: 20 Seconds**  
 A. Progesterone only  
 B. Estrogen only  
 C. A mixture of progesterone and estrogen derivative  
 D. Neither progesterone nor estrogen
43. Two cycles start from a house with a speed of 24 km/hr at an interval of 15 minutes. With how much more speed (km/hr) the woman coming from the opposite direction towards the house has to travel to meet the cycles at an interval of 10 minutes?  
**TTA: 65 Seconds**  
 A. 13                      B. 11  
 C. 12                      D. 14
44. Harappan people did not worship which one of the following Gods :  
**TTA: 15 Seconds**  
 A. Shiva                      B. Vishnu  
 C. Pigeon                      D. Swastik
45. The theory behind stars twinkling is that  
**TTA: 30 Seconds**  
 A. The refractive index of the different layers of the earth's atmosphere changes continuously. Consequently, the position of the star's image changes with time.  
 B. The intensity of light emitted by them changes with time  
 C. The light from the star is scattered by the dust particles and air molecules in the earth's atmosphere  
 D. The distance of the stars from the earth changes with time



64. In which direction does the tail of a comet point toward?

TTA: 25 Seconds

- A. Away from the sun
- B. Towards the sun
- C. Away from earth
- D. Towards the earth

65. What title did the British confer Gandhi with, which was relinquished by him?

TTA: 15 Seconds

- A. Rai Bahadur
- B. Rai Sahib
- C. Hind Kesari
- D. Kaiser-e-Hind

66. Read the statements given below and derive the conclusion.

Statements:

No window is monkey.

All the monkeys are cats.

Conclusions:

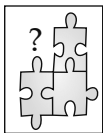
- 1. No window is cat.
- 2. No cat is window.
- 3. Some cats are monkeys.
- 4. All the cats are monkeys.

TTA: 55 Seconds

- A. Only (2) and (4)
- B. Only (1) and (3)
- C. Only (3) and (4)
- D. Only (3)

67. Complete Figure X from the given alternatives 1, 2, 3, and 4.

TTA: 25 Seconds



(X)



(1)



(2)



(3)



(4)

- A. 1
- B. 2
- C. 3
- D. 4

68. Answer the question based on the below information :

If '+' is '×', '-' is '+', '×' is '÷' and '÷' is '-'

Then  $6 - 9 + 8 \times 3 \div 20 = ?$

TTA: 45 Seconds

- A. -2
- B. 6
- C. 10
- D. 12

69. One of the best-preserved Buddhist caves, Karla, is in which of the following states?

TTA: 15 Seconds

- A. Bihar
- B. Uttar Pradesh
- C. Maharashtra
- D. Uttarakhand

70. While watching 3-D movies at the theatre, we have to wear special glasses because?

TTA: 30 Seconds

- A. The glasses allow our left and right eyes to see different images
- B. 3-D movies use special colours which cannot be sensed by the human eye
- C. 3-D movies are brighter than ordinary movies and can hurt our eyes if are seen directly
- D. The glasses allow both the eyes to see similar images

71. Which river originates from Amarkantak?

TTA: 15 Seconds

- A. Betwa
- B. Chambal
- C. Sone
- D. Narmada

72. Who has the distinction of serving as the Chief Justice of India, President, and the Vice president?

TTA: 15 Seconds

- A. Justice M. Hidayatullah
- B. Justice Bhagwati
- C. Justice H.J. Kania
- D. Justice Mehr Chand Mahajan

73. Complete the Figure (X) from the given alternatives 1, 2, 3, and 4

TTA: 25 Seconds



(X)



(1)



(2)



(3)



(4)

- A. 1
- B. 2
- C. 3
- D. 4

Direction : (74-76) Study the following table and answer the question based on it.

The following table gives the expenditures of a company (in lakh rupees) per annum over the given years.

Year	Item of Expenditure				
	Salary	Fuel and Transport	Bonus	Interest on loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.4	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

74. The ratio between the total expenditure on taxes for all the years to the total bonus for all the years respectively is

TTA: 65 Seconds

- A. 9 : 40
- B. 25 : 13
- C. 451 : 17
- D. 1 : 25

75. Expenditure on Fuel and Transport forms what percentage of expenditure on Salary for the year 2001?

TTA: 65 Seconds

- A. 34.54%
- B. 39.22%
- C. 39.58%
- D. 37.58%

76. The total expenditure of the company over the items during the year 2001 is

TTA: 65 Seconds

- A. ₹590 lakhs
- B. ₹598 lakhs
- C. ₹597 lakhs
- D. ₹597.08 lakhs



77. Pointing to a boy in a photograph Rani said. "His mother's only daughter is my mother". How is Rani related to that boy?  
**TTA: 30 Seconds**  
 A. Wife                                      B. Sister  
 C. Niece                                      D. Nephew
78. The first gasoline-run car engine was developed by :  
**TTA: 15 Seconds**  
 A. Henry Ford                              B. Carl Benz  
 C. Hugh Chalmers                        D. Horace Elgin Dodge
79. The first democratically elected female President of Africa is from  
**TTA: 15 Seconds**  
 A. Nigeria                                      B. Liberia  
 C. Tanzania                                    D. Kenya
80. Answer the questions based on the below information.  
**TTA: 30 Seconds**  
 If '+' is '×', '-' is '+', '×' is '÷' and '÷' is '-'  
 then  $9 \div 5 + 4 - 3 \times 2 = ?$   
 A. 2    B. -9  
 C. -3     D. -9.5
81. The length of a diagonal in cms of a rectangle of length 5 cm and width 3 cm is :  
**TTA: 35 Seconds**  
 A.  $\sqrt{34}$                                         B.  $\pm \sqrt{34}$   
 C. 4    D.  $\pm 4$
82. The number of sides of a regular polygon whose exterior angles are each  $72^\circ$  is?  
**TTA: 45 Seconds**  
 A. 7    B. 6  
 C. 5    D. 8
83. Which among the following is not an environment-friendly mode of producing electricity?  
**TTA: 15 Seconds**  
 A. Thermal Power                        B. Solar Power  
 C. Wind Energy                            D. Bio-waste
84. The G-20 Summit in November 2015 was organized in which European Country?  
**TTA: 15 Seconds**  
 A. Germany                                    B. France  
 C. Turkey                                        D. Spain
85. Read the statements and select a conclusion from the given alternatives :  
**Statements :**  
 The healthcare system has expanded in terms of the number of hospitals. But the fact is that most of them are not well equipped and unable to make significant progress in the field of patient care.  
**Conclusions :**  
 I. We should provide good doctors and equipment to existing hospitals now onwards.  
 II. Now, it is not necessary to open any new hospitals.
- TTA: 55 Seconds**  
 A. Only conclusion I follows.  
 B. Only conclusion II follows.  
 C. Both I and II follow.  
 D. Neither I nor II follows.
86. Mr. Ibrahim borrowed ₹ 7,500 at 5% per annum compound interest. The compound interest compounded annually for 2 years is :  
**TTA: 75 Seconds**  
 A. 768.75                                      B. 8268.75  
 C. 8286.75                                    D. 786.75
87. \_\_\_\_\_ was the first female Prime Minister of Sri Lanka.  
**TTA: 15 Seconds**  
 A. Ranasinghe Premadasa  
 B. Dingiri Banda Wethunge  
 C. Sirimavo Bandaranaike  
 D. Chandrika Kumaratunga  
**Direction : (88-90)** Five boys are sitting on a bench to be photographed. Sachin is to the left of Ram and to the right of Bin. Monty is to the right of Ram. Rony is between Ram and Monty.
88. **TTA: 45 Seconds**  
 Who is in the middle of the photograph?  
 A. Bin    B. Ram  
 C. Rony    D. Sachin
89. **TTA: 45 Seconds**  
 Who is second from the right in the photograph?  
 A. Monty                                        B. Ram  
 C. Rony    D. Bin
90. **TTA: 45 Seconds**  
 Who is second from the left in the photograph?  
 A. Rony    B. Monty  
 C. Bin    D. Sachin
91. Answer the question based on the below information.  
**TTA: 55 Seconds**  
 If '+' is '×', '-' is '+', '×' is '÷' and '÷' is '-'  
 then  $3 \times 2 + 4 - 2 \div 9 = ?$   
 A. -1    B. 1  
 C. -2    D. 3
92. What is the meaning of an ECOTONE?  
**TTA: 20 Seconds**  
 A. ECOTONE is where two biomass meet  
 B. It's an area with low survival for species  
 C. An area with limited flora and fauna  
 D. An area with high biomass production
93. Rakshanth is twice as good a tradesman as Verma and together they finish a piece of work in 19 days. In how many days will Verma alone finish the work?  
**TTA: 65 Seconds**  
 A. 38    B. 57  
 C. 76    D. 50

94. Read the statement and select a conclusion from the given alternatives :

**Statement :**

To cultivate an interest in debates the school has made it compulsory from December 2015 for each student to attend two debate classes per week and submit a weekly report on the debates discussed.

**Conclusions :**

- I. Interest in debating can be created by force.
- II. Some students eventually will develop an interest in debating.

**TTA: 55 Seconds**

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

95. Bill Gates co-founded "Microsoft Corporation in 1975 with?

**TTA: 20 Seconds**

- A. Chris Hughes
- B. Tim Berners-Lee
- C. Steve Paul Jobs
- D. Paul G. Allen

96. Two numbers are in the ratio of 2 : 5 and their HCF is 18. Their LCM is.

**TTA: 45 Seconds**

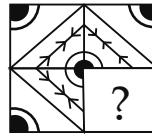
- A. 180
- B. 36
- C. 90
- D. 188

97. How many constellations have been named?

**TTA: 15 Seconds**

- A. 88
- B. 99
- C. 90
- D. 87

98. Complete the Figure X from the given alternatives 1, 2, 3, and 4.



(X)



(1)



(2)



(3)



(4)

**TTA: 25 Seconds**

- A. 1
- B. 2
- C. 3
- D. 4

99. \_\_\_\_\_ jointly launched International Solar Alliance (ISA) at Conference of Parties (CoP21) Climate Conference held in Paris, France on 1 December 2015.

**TTA: 15 Seconds**

- A. India and China
- B. India and France
- C. India and USA
- D. India and Russia




100. If in a certain language KINDLE is coded as ELDNIK, how is IMPOSING coded in that code?

**TTA: 40 Seconds**

- A. GNISOPMI
- B. GNSIOPMI
- C. GNISPOMI
- D. GNISOPMI

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

## PERFORMANCE ANALYSIS

OVERALL	
Avg. Score	55/100
Toppers Score	92/100
Cut Off	79/100
Your Score	_____



## OSWAAL LEARNING TOOLS

For Solutions of the above Paper, follow the link

Visit : <https://qrگو.page.link/jRRCh>

Or

Scan the Code

