

Practice Paper CSAT
20th May 2026
MISSION 2026

1. Read the passage carefully:

Modern societies increasingly confuse visibility with participation. Citizens mistake constant expression for meaningful engagement and algorithmic amplification for democratic influence. As attention becomes fragmented, public discourse rewards emotional velocity over reflective judgment. Ironically, hyperconnectivity may weaken collective understanding by creating the illusion that exposure to information is equivalent to comprehension.

Which of the following statements is/are implied by the passage?

1. Social media has completely destroyed democracy.
2. Exposure to information does not necessarily create understanding.
3. Emotional reactions are often rewarded more than thoughtful reasoning.
4. Participation in public discourse has become impossible.

- A. 2 and 3 only
B. 1, 2 and 4 only
C. 2 only
D. 1 and 3 only

2. Read the passage:

The greatest risk to expertise is not ignorance but premature certainty. Experts fail not merely because they lack information, but because they become emotionally invested in frameworks that once succeeded. In rapidly changing systems, adaptability is often more valuable than precision.

Which one of the following best follows from the passage?

- A. Expertise is irrelevant in modern systems.
B. Precision and adaptability cannot coexist.

- C. Overdependence on past frameworks may weaken judgment.
 D. Experts fail only because systems evolve too quickly.

3. If:

$$a \# b = a^2 - b^2$$

$$a * b = a + 2b$$

$$a @ b = a*b/a \# b$$

Then the value of

$$(6 @ 2) + (5 @ 1)$$

is:

- A. 13/16
 B. 9/8
 C. 7/5
 D. 11/12

4. Eight persons sit around a circular table.
- Alternate persons face inward and outward.
 - A faces inward.
 - B sits third to the right of A.
 - C sits second to the left of B.
 - D sits opposite A.
 - E is adjacent to neither A nor D.
 - F sits immediate right of C.
 - G faces same direction as A.
 - H sits between E and G.

Who sits immediate left of D?

- A. F
 B. H
 C. G
 D. E

5. A number grid follows a hidden pattern:

3	5	28
4	7	53
6	8	?

Find the missing number.

- A. 82
- B. 94
- C. 98
- D. 100

6. Statements:

- 7. Some policies are reforms.
- 8. All reforms are debated.
- 9. No debated issue is simple.
- 10. Some simple matters are ignored.

Conclusions:

- I. Some policies are not simple.
- II. No reform is simple.
- III. Some ignored matters may be reforms.

- A. I only
- B. II only
- C. I and II only
- D. II and III only

- 7. At a certain moment, the angle between the hour hand and minute hand of a clock is equal to the angle through which the minute hand moves in 18 minutes.

What is the time closest to?

- A. 2:24
- B. 3:12
- C. 4:48
- D. 5:36

8. A secret agency uses a number-lock system based on the following pattern:

- $2468 \rightarrow 168$
- $3579 \rightarrow 315$
- $4816 \rightarrow 384$

Using the same logic,

- $5924 \rightarrow ?$

- A. 380
- B. 370
- C. 384
- D. 390

9. Question: What is the value of x ?

Statements:

1. $x^2 - 13x + 40 = 0$

2. x is greater than 6.

- A. Statement 1 alone sufficient
- B. Statement 2 alone sufficient
- C. Both together sufficient
- D. Both together insufficient

10. A train crosses a platform in 42 seconds and a pole in 18 seconds.

If the speed A train travelling at 15 m/s crosses a pole in 18 seconds and crosses a platform in 42 seconds.

If the speed of the train increases by 25%, then the train crosses the same platform in 33.6 seconds.

What is the length of the platform?

- A. 240 m
- B. 270 m
- C. 300 m
- D. 360 m

11. A vessel contains a mixture of milk and water in the ratio 7:5.

36 litres of mixture are removed and replaced with pure water. After this operation, the ratio becomes 7:9.

What was the initial quantity of mixture in the vessel?

- A. 72 litres
- B. 84 litres
- C. 96 litres
- D. 108 litres

12. A person walks:

- 12 m north
- then 5 m east
- then 12 m south
- then 7 m east
- then 6 m north

How far and in which direction is he from the starting point?

- A. 13 m East
- B. 18 m North-East
- C. 12 m East and 6 m North
- D. 6 m North-East

13. Three unbiased dice are thrown simultaneously.
Probability that:

- exactly two dice show the same number, and
- sum of all numbers is divisible by 5

is:

- A. $\frac{2}{25}$
- B. $\frac{1}{12}$
- C. $\frac{7}{54}$
- D. $\frac{5}{72}$

14. Five people — A, B, C, D and E — are engineers, lawyers, doctors, artists and economists (not necessarily in order).

- The doctor sits immediate left of A.
- B is neither lawyer nor artist.
- C sits opposite the economist.
- D is an engineer.
- The artist sits adjacent to the lawyer.
- E is not a doctor.

Who is the economist?

- A. A
- B. B
- C. C
- D. E

15. If:

$1 \rightarrow 1, 2 \rightarrow 5, 3 \rightarrow 14, 4 \rightarrow 30$

Then: $6 \rightarrow ?$

- A. 92
- B. 104
- C. 61
- D. 127

16. Today is Wednesday.

After 1000 days, the day will be:

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

17. In a survey:
- 62 students study History.
 - 48 study Polity.
 - 38 study Economics.
 - 22 study both History and Polity.
 - 15 study both Polity and Economics.
 - 12 study both History and Economics.
 - 5 study all three.

How many study exactly one subject?

- A. 60
- B. 63
- C. 65
- D. 68

18. A sequence is generated as:

1
11
21
1211
111221
?

Next term is:

- A. 312211
- B. 211221
- C. 13112221
- D. 311222

19. A sum of ₹9600 is distributed among A, B and C.

- A gets 20% more than B.
- C gets 25% less than A.
- B gets ₹400 more than C.

Find B's share.

- A. ₹3200
- B. ₹3600
- C. ₹4000
- D. ₹4200

20. Seven books — P, Q, R, S, T, U and V — are arranged vertically.

- P is above Q but below S.
- T is immediately above V.
- U is below Q.
- R is above S.

- Exactly two books lie between R and T.

Which book is at the top?

- A. R
- B. S
- C. T
- D. P

21. A lift starts from rest and moves upward with uniform acceleration for 8 seconds, then moves with uniform speed for 12 seconds, and finally decelerates uniformly to rest in 5 seconds. If the total distance travelled is 510 m and the maximum speed attained is v m/s, then v is:

- A. 18 m/s
- B. 20 m/s
- C. 24 m/s
- D. 30 m/s

22. A password system generates codes using 4 distinct digits from 1 to 9 such that:

- the first digit is even,
- the last digit is odd,
- and the number formed is divisible by 5.

How many such passwords are possible?

- A. 168
- B. 192
- C. 224
- D. 256

23. A contractor planned to complete a road project in 40 days with 36 workers working 8 hours a day. After 15 days, only 60% of the scheduled work target was completed due to reduced efficiency. To complete the remaining work on time, the contractor increased the workforce by 12 workers, but reduced daily working hours by 1 hour.

By what percentage must the efficiency of the new workforce increase so that the project finishes exactly on schedule?

- A. 4.29%
- B. 6.29%
- C. 8.57%
- D. 11.43%

24. Three pipes A, B and C can fill a tank in 18 minutes, 24 minutes and 36 minutes respectively. Pipe D can empty the full tank in 48 minutes. All pipes are opened together, but D is closed after 8 minutes. In how many more minutes will the tank be completely filled?

- A. 4
- B. 5

- C. 6
- D. 8

25. A dealer marks an article 80% above cost price and gives successive discounts of 20%, 10% and 5%. If the final selling price is ₹12,312, then the cost price is:

- A. ₹7,500
- B. ₹8,000
- C. ₹8,500
- D. ₹9,000

26. In a coding pattern:

12 —→ 18

23 —→ 75

34 —→ 196

Then:

45 —→ ?

- A. 405
- B. 486
- C. 567
- D. 648

27. A train crosses a man standing on a platform in 12 seconds and crosses another train of equal length moving in the opposite direction in 18 seconds. If the speed of the second train is 36 km/h, then the speed of the first train is:

- A. 72
- B. 90
- C. 108
- D. 126

28. A person invests ₹24,000 equally in two schemes A and B for 2 years.

- Scheme A offers 10% compound interest compounded annually.
- Scheme B offers 8% compound interest compounded half-yearly.

What is the difference between the interests earned from the two schemes after 2 years?

- A. ₹420
- B. ₹452
- C. ₹481.60
- D. ₹520

29. A solid cube of side 12 cm is melted and recast into smaller cubes each of side 2 cm. All the smaller cubes are arranged in a straight line touching each other face-to-face.

What will be the total length of the line formed?

- A. 3.24 m
- B. 4.32 m
- C. 5.12 m
- D. 6.48 m

C

30. A sum becomes $\frac{9}{4}$ times itself in 8 years at simple interest. At the same rate, in how many years will it become 4 times itself?

- A. 16 years
- B. 18 years
- C. 20 years
- D. 24 years

31. Eight friends — P, Q, R, S, T, U, V and W — sit around a circular table facing the center.

- P sits third to the left of Q.
- R sits opposite S.
- T sits immediate right of P.
- U is not adjacent to Q.
- V sits second to the left of S.
- W sits between U and R.

Who sits immediate left of T?

- A. P
- B. Q
- C. V
- D. W

32. A cylindrical vessel of radius 21 cm contains water up to height 40 cm. Solid iron spheres of radius 7 cm are dropped into the vessel completely submerged. If the water level rises by 10 cm, the number of spheres dropped is:

- A. 12.90
- B. 20
- C. 9.64
- D. 24

33. A shopkeeper buys an article at 25% discount on marked price and sells it at 10% discount on marked price. If his profit is ₹270, then the marked price is:

- A. ₹1,800
- B. ₹2,000
- C. ₹2,400
- D. ₹2,700

34. Find the missing number:

4, 18, 48, 100, 180, ?

- A. 294
- B. 300
- C. 312
- D. 336

35. A boat takes 3 hours more to travel 36 km upstream than to travel the same distance downstream. If the speed of the stream is 3 km/h, then the speed of the boat in still water is:

- A. 9 km/h
- B. 12 km/h
- C. 15 km/h
- D. 18 km/h

36. A sum amounts to ₹13,310 in 3 years and ₹14,641 in 4 years at compound interest. Find the principal.

- A. ₹10,000
- B. ₹11,000
- C. ₹12,100
- D. ₹13,000

37. Statements:

- 38. Some athletes are disciplined.
- 39. All disciplined persons are focused.
- 40. No focused person is careless.
- 41. Some careless persons are talented.

Conclusions:

- I. Some athletes are focused.
- II. Some athletes are not careless.
- III. Some talented persons are not focused.

- A. I and II only
- B. II and III only
- C. I and III only
- D. I, II and III

38. A number when divided by 14 leaves remainder 9, when divided by 18 leaves remainder 13, and when divided by 22 leaves remainder 17. What is the smallest such number?

- A. 139
- B. 251
- C. 1395
- D. 1259

39. A bag contains 7 red, 5 blue and 4 yellow balls. Three balls are drawn randomly without replacement. Probability that at least two are of the same colour is:
- A. $\frac{19}{28}$
 - B. $\frac{9}{14}$
 - C. $\frac{3}{4}$
 - D. $\frac{11}{14}$
40. A faulty clock loses 8 minutes every hour. If it is set correctly at 9 AM on Monday, then what will be the correct time when the clock shows 9 AM on Tuesday?
- A. 12:41 PM noon Tuesday
 - B. 1 PM Tuesday
 - C. 3 PM Monday
 - D. 5 PM Monday
41. A cylindrical tank is $\frac{3}{4}$ filled with water. When 240 litres of water are removed, the tank becomes $\frac{2}{5}$ filled. If the radius of the tank is 35 cm, then the height of the tank is:
- A. 160 cm
 - B. 175 cm
 - C. 180 cm
 - D. 200 cm
42. A cube is painted on all six faces and cut into 343 smaller equal cubes. How many cubes will have exactly one face painted?
- A. 96
 - B. 120
 - C. 150
 - D. 180
43. A man walks 18 km at 6 km/h, 24 km at 8 km/h and another 30 km at 10 km/h. If he returns the entire distance at a uniform speed of 9 km/h, then his average speed for the whole journey is:
- A. 8 km/h
 - B. 8.25 km/h
 - C. 8.5 km/h
 - D. 9 km/h
44. A sum is invested partly at 10% simple interest and the remainder at 12% compound interest compounded annually. After 2 years, the total interest obtained from ₹40,000 is ₹9,248. If the amounts invested under both schemes are equal, then the total amount after 2 years is:
- A. ₹48,248
 - B. ₹49,248
 - C. ₹50,248
 - D. ₹51,248

45. A train crosses a platform 240 m long in 36 seconds and a pole in 20 seconds. If another train moving at 54 km/h crosses the first train in opposite direction in 18 seconds, then the length of the second train is:
- A. 180 m
 - B. 210 m
 - C. 240 m
 - D. 270 m
46. A contractor employs 24 workers to complete a work in 30 days. After 12 days, 8 more workers join, but due to reduced efficiency, each worker now works at only 80% of the original efficiency. In how many total days will the work be completed?
- A. 28
 - B. 29
 - C. 32
 - D. 30
47. A trader mixes two varieties of rice costing ₹48/kg and ₹72/kg in such a ratio that after selling the mixture at ₹80/kg, he gains 25%.
What is the ratio of cheaper rice to costlier rice in the mixture?
- A. 2:3
 - B. 3:2
 - C. 5:3
 - D. 7:5
48. A sum becomes ₹14,400 in 2 years and ₹17,280 in 4 years at compound interest compounded annually. Find the original principal.
- A. ₹10,000
 - B. ₹11,250
 - C. ₹12,000
 - D. ₹12,500
49. Two pipes A and B can fill a tank in 24 minutes and 40 minutes respectively. Pipe C can empty the completely filled tank in 60 minutes. If all three pipes are opened together, but pipe C is closed after 15 minutes, then the total time taken to fill the tank is:
- A. 18 min
 - B. 20 min
 - C. 22 min
 - D. 24 min
50. A bag contains 6 white, 5 black and 4 blue balls. Three balls are drawn randomly without replacement. Probability that all are of different colours is:

- A. 24/11
- B. 36/91
- C. 48/91
- D. 54/91

51. A person borrows ₹48,000 at compound interest. The rate for first year is 10%, for second year 12%, and for third year 15%. The amount payable after 3 years is:

- A. 67006.4
- B. 68006.4
- C. 68120
- D. 68904

52. A clock gains 5 minutes every hour. If it is set correctly at 8:00 AM, what time will it show when the correct time is 8:00 PM?

- A. 12:00 AM
- B. 1:00 AM
- C. 9:00 PM
- D. 10:00 PM

53. In a class of 120 students:

- 65 study Economics.
- 55 study Sociology.
- 50 study Political Science.
- 25 study Economics and Sociology.
- 20 study Sociology and Political Science.
- 18 study Economics and Political Science.
- 8 study all three.

How many students study only Economics?

- A. 25
- B. 30
- C. 32
- D. 35

54. A man can complete a work in 24 days. His efficiency decreases by 25% after every 6 days. In how many days will he complete the work?

- A. 30
- B. 32
- C. 34
- D. 36

55. The ratio of ages of A and B is 5:7. After 8 years, the ratio becomes 7:9. What will be the ratio of their ages after 16 years?

- A. 8:11
- B. 9:11
- C. 11:13
- D. 13:15

56. Two trains 180 m and 220 m long are moving in the same direction at 54 km/h and 72 km/h respectively. If the faster train overtakes the slower train completely, then the time taken is:

- A. 72 sec
- B. 80 sec
- C. 96 sec
- D. 120 sec

57. A vessel contains milk and water in the ratio 5:3. 16 litres of mixture are removed and replaced with water. The ratio becomes 5:7. Find the original quantity of the mixture.

- A. 48 litres
- B. 56 litres
- C. 64 litres
- D. 80 litres

58. A dishonest dealer marks an article 25% above cost price and gives a discount of 10%. He also uses a false weight of 900 g instead of 1 kg. His total profit percentage is:

- A. 20%
- B. 25%
- C. 30%
- D. 37.5%

59. A boat travels 30 km upstream in 5 hours and 42 km downstream in 3 hours. If the speed of the stream increases by 1 km/h, then the new downstream speed of the boat becomes:

- A. 15 km/h
- B. 16 km/h
- C. 13 km/h
- D. 18 km/h

60. A number when divided by 7 leaves remainder 5, when divided by 9 leaves remainder 7 and when divided by 11 leaves remainder 9. What is the smallest such number?

- A. 229
- B. 315
- C. 427
- D. 691

61. The difference between compound interest and simple interest on a certain sum for 2 years at 10% per annum is ₹240. Find the principal.

- A. ₹20,000
- B. ₹22,000
- C. ₹24,000
- D. ₹26,000

62. A shopkeeper sells two articles for ₹4,800 each. On one he gains 20% and on the other he loses 20%. His net gain/loss percentage is:

- A. 2% gain
- B. 4% loss
- C. 4% gain
- D. No profit no loss

63. A person invests ₹12,000 at compound interest for 2 years at 10% per annum and another ₹8,000 at simple interest for 2 years at 15% per annum. Total interest earned is:

- A. ₹4,120
- B. ₹4,520
- C. ₹4,920
- D. ₹5,040

64. A train travelling at 72 km/h crosses a bridge in 32 seconds and a pole in 20 seconds. What is the length of the bridge?

- A. 180 m
- B. 200 m
- C. 240 m
- D. 260 m

65. A sum invested at compound interest doubles itself in 5 years. In how many years will it become eight times itself at the same rate of interest?

- A. 10 years
- B. 12 years
- C. 15 years
- D. 20 years