



CLAT Gurukul

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By Ready For Exa

GOVT GURUKUL

SSC Speed Sheet

GOVT-SSC-SPEED · 2026-05-26 · 20 min · +2/-0.5

1.

If $x + y = 10$ and $xy = 21$, then $x^2 + y^2 = ?$ [qa]

- A. 52
- B. 58
- C. 62
- D. 79

2.

If $2x - 3 = 11$, then $3x + 5 = ?$ [qa]

- A. 22
- B. 24
- C. 26
- D. 28

3.

If $a^2 + b^2 = 25$ and $ab = 12$, then $(a + b)^2 = ?$ [qa]

- A. 37
- B. 47
- C. 49
- D. 61

4.

Factorise: $x^2 - 11x + 30$. [qa]

- A. $(x - 5)(x - 6)$
- B. $(x - 2)(x - 15)$
- C. $(x - 3)(x - 10)$
- D. $(x - 1)(x - 30)$

NAME: _____

ROLL NO: _____

BATCH: _____

5.

If $(x - 1/x) = 3$, then $(x^2 + 1/x^2) = ?$ [qa]

- A. 7
- B. 9
- C. 11
- D. 13

6.

The roots of $x^2 - 5x + 6 = 0$ are: [qa]

- A. 1, 6
- B. 2, 3
- C. -2, -3
- D. -1, -6

7.

In a right triangle, legs are 9 cm and 12 cm. Hypotenuse = ? [qa]

- A. 13 cm
- B. 14 cm
- C. 15 cm
- D. 16 cm

8.

Each interior angle of a regular hexagon is: [qa]

- A. 108°
- B. 120°
- C. 135°
- D. 144°

9.

Area of an equilateral triangle of side 6 cm is (cm^2): [qa]

- A. $9\sqrt{3}$
- B. $12\sqrt{3}$
- C. $18\sqrt{3}$
- D. $36\sqrt{3}$

10.

Volume of a cylinder of radius 7 cm and height 10 cm ($\pi=22/7$) is (cm^3): [qa]

- A. 1430
- B. 1540
- C. 1620
- D. 1760

11.

Curved surface area of a cone of radius 7 cm and slant height 10 cm ($\pi=22/7$) is (cm^2): [qa]

- A. 110
- B. 154
- C. 220
- D. 308

12.

Diagonal of a square of side 8 cm is (cm): [qa]

- A. 8
- B. $8\sqrt{2}$
- C. 16
- D. $16\sqrt{2}$

13.

Find the next term: 3, 9, 27, 81, ? [reasoning]

- A. 162
- B. 216
- C. 243
- D. 324

14.

Find the odd one out: 169, 196, 225, 250, 289 [reasoning]

- A. 169
- B. 196
- C. 250
- D. 289

15.

If FRIEND is coded as HUMJTK, then CANDLE is coded as: [reasoning]

- A. EDRIRL
- B. EDRJRL
- C. EDRIRK
- D. FDRJRL

16.

In a certain code, 'PEN' is written as '35'. How is 'INK' written? (A=1,B=2,...,Z=26) [reasoning]

- A. 32
- B. 33
- C. 34
- D. 35

17.

Pointing to a photograph, Asha said, 'He is the son of my mother's only brother.' How is he related to Asha? [reasoning]

- A. Brother
- B. Cousin
- C. Uncle
- D. Nephew

18.

Five friends sit in a row facing north. P is to the right of Q. R is to the left of Q but right of S. T is to the left of S. Who is in the middle? [reasoning]

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

19.

If '×' means '+', '÷' means '-', '+' means '×', '-' means '÷', then $9 \times 6 \div 4 + 2 = ?$ [reasoning]

- A. 7
- B. 11
- C. 13
- D. 23

20.

A man walks 3 km north, then 4 km east, then 3 km south. How far is he from the starting point? [reasoning]

- A. 3 km
- B. 4 km
- C. 5 km
- D. 10 km

21.

Statements: All mangoes are fruits. All fruits are sweet. Conclusion I: All mangoes are sweet. Conclusion II: Some sweet things are mangoes. Which follows? [reasoning]

- A. Only I
- B. Only II
- C. Both I and II
- D. Neither

22.

Arrange in dictionary order: 1. Probable 2. Probation 3. Problem 4. Probe [reasoning]

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

23.
If clock shows 3:30, the angle between hour and minute hand is: [reasoning]

- A. 60°
- B. 75°
- C. 90°
- D. 105°

24.
Find the missing term: 4, 9, 16, 25, ?, 49 [reasoning]

- A. 30
- B. 32
- C. 36
- D. 40

25.
Choose the synonym of 'ABUNDANT': [english]

- A. Plentiful
- B. Scarce
- C. Limited
- D. Minor

26.
Choose the antonym of 'CONCEAL': [english]

- A. Hide
- B. Cover
- C. Reveal
- D. Mask

27.
Spot the error: 'One of the boys / are absent / from school / today.' (Pick the error part.) [english]

- A. One of the boys
- B. are absent
- C. from school
- D. today

28.
Fill in the blank: 'She is fond ____ chocolates.' [english]

- A. with
- B. of
- C. about
- D. for

29.
Idiom 'a piece of cake' means: [english]

- A. Tasty dessert
- B. Very easy
- C. An expensive item
- D. A small portion

30.
Choose the correctly spelt word: [english]

- A. Occurence
- B. Occurance
- C. Occurrence
- D. Ocurrence

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