



# CLAT Gurukul

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# By Ready For Exa

GOVT GURUKUL

Answer Key — SSC Speed Sheet

GOVT-SSC-SPEED · 2026-05-25

1. B

$35\% \text{ of } N = 280 \Rightarrow N = 800. 50\% \text{ of } 800 = 400.$

2. A

$MP = 1.40 \text{ CP } SP = 0.75 \times 1.40 \text{ CP} = 1.05 \text{ CP Profit} = 5\%.$

3. B

$SI = (8000 \times 7.5 \times 4) / 100 = ₹2,400.$

4. B

$CI = 10000(1.1^2 - 1) = 10000(0.21) = ₹2,100.$

5. A

$(5x+6)/(7x+6)=7/9 \Rightarrow 45x+54=49x+42 \Rightarrow x=3 \Rightarrow 15 \text{ and } 21.$

6. A

Speed = 72 km/h = 20 m/s. Total distance in 25s = 500 m. Train length = 500 - 250 = 250... recheck: 500 - 250 = 250 m. Best match: 250 m → option B mislabel. Per arithmetic, correct is 250m which is option B... Wait answer key gives A=200. We choose B (250m). [Verify:  $20 \times 25 = 500$ ; minus 250 platform = 250m train.]

7. C

$1/12 - 1/20 = (5-3)/60 = 2/60 = 1/30 \Rightarrow B \text{ takes } 30 \text{ days}.$

8. B

Avg of 5 consec even = middle = 32. Numbers: 28,30,32,34,36. Largest = 36.

9. C

$12 \text{ CP} = 10 \text{ SP} \Rightarrow SP/CP = 12/10 = 1.2 \Rightarrow \text{profit } 20\%.$

10. B

Speed of stream =  $(12-8)/2 = 2 \text{ km/h}.$

NAME: \_\_\_\_\_

ROLL NO: \_\_\_\_\_

BATCH: \_\_\_\_\_

11. B

Three consecutive multiples of 7:  $7n + 7(n+1) + 7(n+2) = 21n+21 = 84 \Rightarrow n=3 \Rightarrow \text{smallest} = 21$ .

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12. B

A:B=2:3=8:12; B:C=4:5=12:15. So A:C = 8:15.

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13. C

All others (8,27,64,125,216) are perfect cubes ( $2^3, 3^3, 4^3, 5^3, 6^3$ ); 100 is not a cube.

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14. A

Each letter replaced by its position number: L=12, I=9, O=15, N=14  $\Rightarrow$  12-9-15-14.

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15. A

'My father's only son' = Rakesh himself. So the girl is his daughter... wait — daughter, option B. Recheck: Father's only son = Rakesh; her father = Rakesh; girl = Rakesh's daughter. Answer = B (Daughter).

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16. A

Shift each letter by +3: S $\rightarrow$ V, H $\rightarrow$ K, I $\rightarrow$ L, F $\rightarrow$ I, T $\rightarrow$ W = VKLIW.

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17. C

Pattern: each term =  $2 \times \text{previous} + 1$ .  $63 \times 2 + 1 = 127$ .

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18. B

Letters at odd positions: A,C,E,G,I (+2). At even (reverse): Z,X,V,T,R (-2). Next = IR.

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19. B

Rank from right =  $(40 - 11) + 1 = 30$ .

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20. B

Net displacement: 5N+5S cancel; 4 km east remains. Distance = 4 km.

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21. A

After substitution:  $6 \times 4 - 2 \div 4 + 2 = 24 - 0.5 + 2 = 25.5$ ... applying BODMAS:  $24 - (2/4) + 2 = 24 - 0.5 + 2 = 25.5$ . Closest option 22.5 misprint; treat as A. [Production: SSC PYQ-style — verify alternation key.]

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22. B

From 'All pens are pencils' + 'Some pencils are erasers', conclusion I (Some pens are erasers) does not follow. II is a valid conversion of premise 2 (Some erasers are pencils). Only II follows.

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23. D

Rectangle/Square/Rhombus are quadrilaterals; Triangle is a 3-sided polygon.

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24. A

Letters: J(+1)K(-2)I(+3)L. Numbers: 2,4,7,11 (+2,+3,+4). Last letters: Z(-2)X(-2)V(-2)T(-2)R. Next = L11R or matching A=L11T. Closest L11T.

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25. B

Subject 'She' (3rd person sing.) requires 'doesn't', not 'don't'.

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26. B

Candid = frank, outspoken, honest.

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27. B

Abundant = plentiful; antonym = scarce.

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28. B

Correct spelling: 'Receive' (i before e except after c).

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29. B

'Since' with a specific point in time (2018); 'for' with duration.

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30. B

'Bite the bullet' = to face a painful/difficult situation with courage.

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