

ONLINE COACHING DAY 87 -(4-7-2019)

Fast Calculation Techniques



Phone number of the candidate *

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Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram ▼

Please watch the following videos and answer the following questions

<https://youtu.be/LHPpCpMsF7o>

<https://youtu.be/fpinssWCVmg>

https://youtu.be/qpTT7_naKdo

1.56% of 958 + 67% of 1008 = ?% of 2000 *

1 point

60.592

47.622

42.86

91.455

65.092

2. The value of $25.25 - 23.23 + 24.24$ is *

1 point

. 26

b. 26.26

c. 2.2

d. -22.22

3. $A*B$ implies A^2+B^2 . What is the value of $6*(2*4)$? *

1 point

a. 999

b. 3616

c. 324

d. 436

4. What is value of $[(40.25 \div 5) + (0.07 \times 5)] / [(0.15 \times 8)] + (0.18 \div 0.2)$ *

1 point

- a. 7.5
- b. 3
- c. 5
- d. 4

5. $(0.72 \times 0.72 \times 0.72 - 0.39 \times 0.39 \times 0.39) / (0.72 \times 0.72 + 0.72 \times 0.39 + 0.39 \times 0.39)$ * 1 point

- a. 0.333
- b. 0.33
- c. 0.3333
- d. 0.3334

6. $(47 \times 588) \div (28 \times 120) = ?$

1 point

- 6.284
- 7.625
- 8.225
- 8.285
- 82.25

7. $74156 - ? - 321 - 20 + 520 = 69894$ *

1 point

3451

4441

5401

4531

4414

8. $0.008 * 0.01 * 0.0072 \setminus (0.12 * 0.0004)$ *

1 point

1.2

1.02

0.12

0.012

0.0012

9. $18.5 \times 21.4 \times ? = 6255.22$

1 point

15.8

14.6

17.4

17.2

16.4

10. $9999 \div 99 \times 73 + 251 = ?$ *

1 point

6578

8264

7624

5024

7426

11. $36\% \text{ of } 545 + 32\% \text{ of } 215 - 47\% \text{ of } 1300$

1 point

643

346

-411

-346

-643

12. $3.2\% \text{ of } 500 \times 2.4\% \text{ of } ? = 288$ *

1 point

(a) 650

(b) 700

(c) 600

(d) 750

(e) 850

13. $(-251 \times 21 \times (-12)) \div ? = 158.13$ *

1 point

(a) 250

(b) 400

(c) 300

(d) 15

(e) 18

14. $\sqrt{(\sqrt{4900} + \sqrt{5476})} = ?$

1 point

(a) 576

(b) 144

(c) 256

(d) 16

(e) 12

15. $(6.5\% \text{ of } 375) - (0.85\% \text{ of } 230) = ?$ *

1 point

(a) 23.42

(b) 24.24

(c) 21.64

(d) 25.76

(e) 22.42

16. $13.141 + 31.417 - 27.118 = ?$ *

1 point

- (a) 16.441
- (b) 17.543
- (c) 17.490
- (d) 17.440
- (e) 17.590

17. If $\sqrt{80656} = 284$, then $\sqrt{8.0656} = ?$ *

1 point

- (a) 28.4
- (b) 2.84
- (c) 0.0284
- (d) 0.284
- (e) 4.084

18. If $x = 3.2$ and $y = 4$, what is the value = $5x + 4y + 3(x/y)$? *

1 point

- (a) 35.2
- (b) 34.4
- (c) 32.8
- (d) 18.4
- (e) 28.4

19. $?^2 + (14)^2 \times 18 \div 6 - 1029 = 80 \times (12 - 7)$ *

1 point

- (a) 25
- (b) 841
- (c) 729
- (d) 27
- (e) 29

20. $?\sqrt{128} = \sqrt{162}/?$ *

1 point

- (a) 12
- (b) 144
- (c) 14
- (d) 196
- (e) 28

21. $.(4444 \div 40) + (645 \div 25) + (3991 \div 26) = ?$ *

1 point

- (a) 280.4
- (b) 290.4
- (c) 295.4
- (d) 285.4
- (e) 258.5

22. $[(84)^2 \div 28 \times 12] \div 24 = 7 \times ?$ *

1 point

- (a) 15
- (b) 17
- (c) 18
- (d) 21
- (e) 24

23. $36865 + 12473 + 21045 - 44102 = ?$ *

1 point

- (a) 114485
- (b) 28081
- (c) 26281
- (d) 114845
- (e) 79821

24. $46\% \text{ of } 450 + ? \% \text{ of } 19.07 = 359.56$ *

1 point

- (a) 795
- (b) 805
- (c) 815
- (d) 800
- (e) 820

25. . $0.03 \times 0.01 - 0.003 \div 100 + 0.03 = ?$

1 point

- (a) 0.03027
- (b) 0.0327
- (c) 0.3027
- (d) 1.03027
- (e) 0.003027

Thankyou!! 

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