



# MISSION CTET / STET



## SIMPLIFICATION

**With Tricks**

अब शिक्षक बनना हुआ आसान

**MATHS**

LIVE

**06:00 PM**





# मिशन CTET / STET 2023

Question 1-  $(76)^2 + (18)^2 - 75\%$  of 4648 = ?

प्रश्न 1-  $(76)^2 + (18)^2 - 4648$  का 75% = ?

a) 3314

b) 2314

c) 2614

d) 4414



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Question 2- The sum of  $1-1+1-1+1\dots\dots$  to even number of term is?

प्रश्न 2-  $1-1+1-1+1\dots$  से सम संख्या तक का योग क्या है?

(a) -1

(b) +1

(c) 2

(d) 0



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$1^2 = 1$

$2^2 = 4$

$3^2 = 9$

$4^2 = 16$

$5^2 = 25$

$6^2 = 36$

$7^2 = 49$

$8^2 = 64$

$9^2 = 81$

$10^2 = 100$

$11^2 = 121$

$12^2 = 144$

$13^2 = 169$

$14^2 = 196$

$15^2 = 225$

$16^2 = 256$

$17^2 = 289$

$18^2 = 324$

$19^2 = 361$

$20^2 = 400$

$21^2 = 441$

$22^2 = 484$

$23^2 = 529$

$24^2 = 576$

$25^2 = 625$

$26^2 = 676$

$27^2 = 729$

$28^2 = 784$

$29^2 = 841$

$30^2 = 900$



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Question 3-  $\sqrt[2]{1254400} + \sqrt[2]{7744} - 37 \times$   
 $50 = ?$

- (a) 542
- (b) -542
- (c) -642
- (d) -442



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Question 4-  $100 + 25 \times 2.5 + 160 = ? + 40$

- a) 182.5
- b) 282.5
- c) 82.5
- d) 112.5



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Question 6-  $x = 5 + 2\sqrt{6}$

$$x \frac{1}{x} = ?$$

- a) 20
- b) 10
- c) 30
- d) 40



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Question 7-  $18^{3.5} \times 18^x = 18^{14}$

$x=?$

- a) 11.5
- b) 10.5
- c) 9.5
- d) 5.5





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Question 8-  $43 \times 37 + 61^2 = ?$

- a) 5412
- b) 5312
- c) 3412
- d) 5512



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Question 9-  $\sqrt[3]{104 \times 54 \div 12 + 52 - 8} = ?$

- a) 6
- b) 5
- c) 4
- d) 8



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Question 10-  $80\%$  of  $3450 + 55\%$  of  $1400 + 70\%$  of  $160 = ?$

प्रश्न 10-  $3450$  का  $80\% + 1400$  का  $55\% + 160$  का  $70\% = ?$

a) 3472

b) 4472

c) 3572

d) 4672



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**THANK**

**YOU**

**धन्यवाद**