

ENGINEERS' INN

GAT GENERAL 2015 CATEGORY A

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QUANTITATIVE

- 1) What is the area of circle if point lies on (1,1)?
- 2) clock angle at 3:30?
- 3) Average of first 4 multiple of 5
- 4) angle at 3:00am?
- 4) $X^2 + (x)^{1/2} + x$ value of x is 9 ?
- 5) $(1 + \cos x)(1 - \cos x)$
- 6) $1 - \cos^2 x = ?$
- 7) Vertex Of cone?
- 8) $(\cos Q + \sin Q)^2 = ?$
- 9) $2 \cos Q \sin Q = ?$
- 10) $9x^2 + 2x + 25 = ?$
- 11) 1/6% of what number is 6
- 12) $1/\cos Q \times 1/\tan Q \times \sin^2 = ?$
- 13) Length of a rectangle greater than twice its width. find area if perimeter is 48.
- 14) What will be the value of C if this equation has only one solution. $X^2 + 5x + c = ?$
- 15) $(x - 1/x) = 10$, find $(x^2 + 1/x^2) = ?$
- 16) Fair dice is rolled probability of chance of occurring 3 the odd number is ?
- 17) If an integer "n" is divided by 8 the remainder is 3 . What will remainder if 'n' is doubled and divided by 8?
- 18) Sum of the ages of mother and daughter is 50 .Mother's age was seven times daughter 5 years ago .Find present age of mother and daughter ?
- 19) Find the probability of even number a fair dice rolled ?

- 20) If $w=2x=\sqrt{2}y$, find $w-x=?$ in terms of y ? $w \neq 0$,
- 21) Find total salary if remained 1400 in end of month and expenditure are 35000 ?
- 22) 3 Girls and 5 Boys are there in students group if same number of students added then ratio of Boys to Girls are?
- 24) Lcm of 15, 12, 8, 4 ?
- 25) $0.3 + 0.2 \times 0.2 - 0.3 = ?$
- 26) $10\% \text{ of } 30 + ? \% \text{ of } 70 = 80$
- 27) What % of 12 is 15?
- 28) If $A:B=8:9$ & $B:C=12:5$ then $A:B:C$
- 29) Find circumference.. if diameter of circle is 63.
- 30) A rhombus with perimeter of 48 and length of its diagonals in 26. What will be the area of this rhombus?
- 31) If Hamid clean room in 15 mints and Yasir clean room in 30 mint than both yasir and Hamid will clean a room in how many hours

ENGLISH

Antonyms

Anxious

alive,

Sprain.

Infection .

ANALOGIES

1. SPRAIN : FRACTURE
2. OCEAN : BAY
3. VANSION : DEER
4. HEART : CARDIOLOGY
5. INFECTION : ILLNESS

6. SILO: CORN

7. DOCTOR : HOSPITAL

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