

REX HOME TUITION

IIT JEE / MEDICAL / SCHOOL

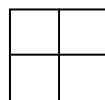
9523921746 , 9693014302

TIME : ½ Hours

TEST

M.M : 50

There are total 15 questions. All questions are compulsory.



1. How many rectangles are in the given square box.

- (a) 4 (b) 5 (c) 9 (d) 14

2. Zero is

- (a) Odd number (b) Even Number (c) Neither even Nor odd (d) Both Odd and Even

3. 1 is

- (a) Prime Number (b) Composite Number (c) Even Number (d) None of These

4. $\frac{1}{0}$ is equal to

- (a) 0 (b) 1 (c) 2 (d) Not define

5. Every whole number is a natural number

- (a) True (b) False (c) We cant say (d) None of These

6. We can see any object due to

- (a) Refraction (b) Reflection (c) Diffraction (d) Interference

7. π is

- (a) Rational Number (b) Irrational number (c) Integer (d) Whole Number

8. $\sqrt{-1} \sqrt{-1}$ is equal to

- (a) -1 (b) 1 (c) 0 (d) None of These
9. In a class of 50 students, 40 % are girls. Find the number of boys in the Class ?
- (a) 20 (b) 40 (c) 50 (d) 30
10. Find the total number of factors of 210
- (a) 123 (b) 510 (c) 467 (d) 576
11. A bus travels 54 k.m in 90 minutes. The speed of the bus is
- (a) 0.6 m/s (b) 10 m/s (c) 5.4 m/s (d) 3.6 m /s
12. The average age of children of Class VII is 12 years and 3 months. Express this age in seconds.
- (a) 4500 Sec (b) 67890 Sec (c) 5670 Sec (d) None of These
13. Speed of light is maximum in
- (a) Water (b) Air (c) Ice (d) Vacuum
14. Formula for common salt is
- (a) CaCl_2 (b) NaCl (c) CaCO_3 (d) NaOH
15. Light is a
- (a) Transverse wave (b) Longitudinal Wave (c) both (d) None of these
16. Sound is a
- (a) Transverse wave (b) Longitudinal Wave (c) both (d) None of these
17. Earth is inclined at an angle
- (a) $23\frac{1}{2}^\circ$ North (b) $23\frac{1}{2}^\circ$ South (c) 67° North (d) 57° South
18. 20 % of 2 is equal to (a) 20 (b) 4 (c) 0.4 (d) 0.04
18. $\tan 1^\circ \tan 2^\circ \tan 3^\circ \tan 4^\circ \dots \tan 89^\circ = ?$
- (a) -1 (b) 1 (c) 0 (d) None of These
19. If Angles of the triangle are in A.P then one angle of the triangle must be ?
- (a) 22° (b) 45° (c) 0° (d) None of These
20. Find the number of real solutions of $x - \frac{1}{x^2 - 4} = 2 - \frac{1}{x^2 - 4}$
- (a) 2 (b) 1 (c) 0 (d) None of These

Answer Sheet

Name of Student:

Contact Number :

School :

S.No	A	B	C	D
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

Correct :

Incorrect :

Marks obtained in %

REX HOME TUITION