

1st Year Fsc Physics Online Test

Sr	Questions	Answers Choice
1	Time rate of change of angular displacement is called	A. Linear velocity B. Angular velocity C. Rotational velocity D. Vibrational velocity
2	Question Image	
3	If the arc of a circle equals its radius, then the angle subtended at the center will be	A. 1 degree B. One rotation C. One radian D. Half rotation
4	Angular displacement is	A. Scalar quantity B. Vector quantity C. Basic quantity D. None of these
5	When a body is moving along a circular path, then such a motion is called	A. Vibratory motion B. Rotatory motion C. Linear motion D. None of these
6	Salter's duck was invented by	A. Newton B. Einstein C. Prof Salter D. Maxwell
7	The tides rise in the sea roughly	A. Once a day B. Twice a day C. Three a day D. Four times a day
8	The unit of energy is same as that of	A. Power B. Work C. Torque D. Density
9	The ability of a body to do work is called its	A. Force B. Power C. Capacity D. Energy
10	1 kWh =	A. $3.6 \times 10^{3\text{K}}$ B. $3.6 \times 10^{6\text{K}}$ C. $3.6 \times 10^{9\text{J}}$ D. $3.6 \times 10^{12\text{J}}$
11	The SI unit of power is	A. Joule B. Newton C. Watt D. Kilowatt
12	The formula for the power is	A. $P = W/d$ B. $P = W/v$ C. $P = W/t$ D. $P = Wt$
13	The frictional force is	A. Conservative force B. Non conservative force C. Electric force D. Magnetic force
14	The work done in gravitational field	A. Depend upon the path B. Does not depend upon the path C. (+)ve D. Zero
15	The space within which gravitational force acts on a body is called	A. Electric field B. Gravitational field C. Magnetic field D. Force field
16	When the rocket moves away from the earth, the work against gravity	A. Remains constant B. Varies directly with distance C. Varies inversely with distance

D. Varies inversely with square of distance

17 By increasing the amount of stretch in spring the force exerted will

- A. Increase
- B. One watt
- C. One erg
- D. One joule