

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Identify the irreversible process	A. Explosion of a bomb B. Slow expansion of a gas C. Slow compression of a gas D. Slow compression of an elastic spring
2	An operational amplifier have how many input terminals.	A. One B. Two C. Three D. Four
3	The minimum angle of incidence for which total internal reflection can occur is called.	A. Right angle B. Acute angle C. Critical angle D. Obtuse angle
4	Which of the following is dimensionless.	A. Strain B. Stress C. Pressure D. Volume
5	Magnetic lines of force due to earth's horizontal magnetic field are.	A. Curved lines B. Elliptical C. concentric circles D. Parallel and straight
6	The international acceptable scientific notation of a number 123.4 is	A. 12.34×10^{¹} B. 1.234×10^{²} C. 1.234×10^{³} D. 0.123×10^{³}
7	Any transparent medium bounded by one or two spherical surfaces is called	A. Prism B. Lens C. Plane mirror D. Grating
8	Mutual inductance has a practical role in the performance of the	A. Radiochoke B. Transformer C. Generator D. Trnasistor
9	Which factor remains constant in a transformer.	A. Current B. Voltage C. Power D. Frequency
10	use of outer layer in optical fires called cladding is mainly to.	A. Scatter thelight B. Absorb unwanted light C. Transmit the light D. Produce total internal reflection
11	A new class of ceramics materials was discovered in.	A. 1938 B. 1958 C. 1978 D. 1986
12	Which of the following quantities is analogous to mass in electricity.	A. Charge B. Potential C. Capacitance D. Inductance
13	One light year is equal to.	A. 9.46×10^{¹⁵} cm B. 9.46×10^{¹⁵} m C. 9.46×10^{¹⁵} km D. 7.88×10^{¹⁴} m
14	Which of the following is not essential for the free oscillations of a mass attached to a spring.	A. Elasticity B. Gravity C. Inertia D. Restoring force
15	The mass of an alpha particle is.	A. 2 u B. 4 u C. 6 u D. 8 u

16	The velocity at which laminar flow changes to turbulent flow is called.	A. Terminal velocity B. Escape velocity C. Critical velocity D. Uniform velocity
17	The centre of mass of a system is a point where an applied force causes the system to move.	A. With rotation B. Without rotation C. Fastly D. Slowly
18	Which of the following pairs represent units of the same physical quantity.	A. Kelvin and joule B. Kelvin and calorie C. Newton and calorie D. Joule and calorie
19	Which of the following parameters is irrelevant for a fuse wire.	A. Its radius B. Current flowing through it. C. Its specific resistance D. Its length
20	A ball is thrown straight up when the ball reaches the highest point.	A. Both is velocity and acceleration are zero B. In velocity os zero but acceleration is not zero. C. It acceleration is zero but velocity is not zero. D. Neither velocity nor acceleration is zero.