

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	What happens when a 250 V, 2500 W water heater is connected to main supply using a plug fitted with a 5 A fuse.	A. The fuse in the plug melts B. The heartier burns out C. The hearter runs at half power D. The hearter works normally
2	When the number of turns in the solenoid is doubled without any change in teh length of the solenoid its self inductance will be.	A. Halved B. Doubled C. 4 times D. 8 times
3	Any transparent medium bounded by one or two spherical surfaces is called	A. Prism B. Lens C. Plane mirror D. Grating
4	In a n-type material there is an excess of.	A. Free electrons B. Holes C. Quarks D. Measons
5	A man in an elevator descending with an acceleration will conclude that his weight has	A. Increased B. Decreased C. Constant value D. Zero value
6	They hysteresis losses are eliminated in power transformer by using	A. Low resistivity power winding B. Low reflectance steel cores C. Laminated steel cores D. soft iron cores
7	The bunding energy per nucleon for iron is.	A. zero B. Maximum C. Negative D. Minimum
8	The main advantage of step index fiber is.	A. The size of the cable B. The equality of the cbale C. Difference in the wavelengths of signals D. All of the above
9	the ratio of applied stress to volumetric strain is called.	A. shear modulus B. Bulk modulus C. Young's modulus D. elastic limit
10	Two pure inductors each of self inductance L are connected in parallel The total inductance of the combination is.	A. L B. 2L C. L/2 D. L/4
11	The half life of radium -226 is	A. 1620 years B. 45 x 10 ⁹ years C. 3.8 days D. 23.5 minutes
12	In an oscillating system damping means reduction in	A. Frequency B. Wavelength C. Amplitude D. Period
13	The time period of a simple pendulum is independent of its.	A. Length B. Mass C. Acceleration due to gravity D. Restoring force
14	Which of the following is not an electromagnetic wave.	A. game rays B. Ultraviolet rays C. Ultrasonic waves D. Microwaves
15	A straight copper wire a moved in a uniform magnetic field such that it cuts the magnetic	A. emf will not be induced B. emf will beinduced C. sometimes emf will be induced and

	lines of force then.	sometimes not D. The number of turns iin the coil increases
16	In vacuum all electromagnetic waves have the same.	A. Frequency B. Amplitude C. Speed D. Wavelength
17	On which parameter the path difference between two interfering waves depends upon.	A. Amplitude B. Pitch C. Intensity D. Phase angle
18	Which law states that the angle of incidence equals the angle of refraction.	A. Law of reflection B. Law of refraction C. Snell's law D. Hygens's principle
19	Which vector gives the displacement from one point another in space.	A. Null vector B. Position vector C. Unit vector D. Distance vector
20	The magnetic flux linked with a circuit when a unit current flows through it is known as.	A. Induced current B. Induced emf C. Coefficient of self induction of circuit D. Eddy current