

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The specific heat of a substance is a function of its	A. mass B. Weight C. Volume D. Molecular structure
2	Which vector can be used to locate the centre of mass of a collection of particles.	A. Null vector B. Unit vector C. Position vector D. Distance vector
3	When a magnet is moved into the coil of wire there is a small reading on the galvanometer. Which change would increase the size of the reading.	A. Pushing in the S-pole B. Pulling the magnet out C. Unwinding some of the turns of wire D. Moving the magnet faster
4	Prof. Abdul Salam was awarded Nobel prize in	A. 1970 B. 1972 C. 1979 D. 1983
5	Which of the following is the best container for gas during adiabatic process.	A. Copper vessel B. Thermos flask C. Glass container D. Wooden container
6	If there are no frictional effects, the mechanical energy of a system executing simple harmonic motion.	A. Changes with time B. Is variable C. Is constant D. Is not conserved
7	The molecular weight of D ₂ O is	A. 16 B. 18 C. 20 D. 24
8	Which six particles and their antiparticles interact by the weak interaction.	A. Leptons B. Hadrons C. Muons D. pi mesons
9	X-rays spectrum may be	A. Continuous spectrum B. Discontinuous spectrum C. Line spectrum D. Continuous and line spectrum
10	The magnitude of the resultant of two forces may be increased by	A. Increasing the angle between them B. Decreasing the angle between them C. Drawing the parallelogram to represent them D. Drawing the force perpendicularly
11	The core of a transformer is made of iron because	A. Iron is a good electric material B. Iron is cheaper than copper C. Iron is easily magnetized and demagnetized D. Iron makes a good permanent magnet
12	In the experiment of production of X-rays electrons are accelerated towards the anode by	A. Thermionic emission B. Potential difference C. Breaking potential D. Cut of current
13	The magnitude of resultant of three forces is 3. If its x-component is 2, Y component is 1. Its z-component will be.	A. 1 B. 2 C. 3 D. 4
14	A generator running in reverse may be called as.	A. A.C. Generator B. D.C. generator C. Motor D. ...

		D. Commutator
15	Transformer make possible the	A. transmission of A.C. power B. conversion of AC and D.C C. Cyclotron D. Particle accelerator
16	What information is given by the tangent to a field that point of electric field.	A. Magnitude B. Direction C. Proper unit D. Dimensions
17	What should be the shape of an ideal thermometer.	A. Spherical B. Cubical C. Cylindrical D. Rectangular
18	An ice making machine extracts energy at the rate of 500 W The specific latent heat of fusion of ice is 300 kj kg ⁻¹ . How long does it take to freeze 2 kg of water at 0 oC.	A. 120 s B. 150 s C. 1200 s D. 1500 s
19	Which is defined as the ration of image height of the object height.	A. Linear magnification B. Angular magnification C. Magnifying power D. Resolution
20	When a body is taken out of the earth's gravitational field, the P.E. with respect to earth is	A. Zero B. Minimum C. Maximum D. geothermal