

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The ratio between the energy dissipated in some process and the heat that appears as a result is the	A. Specific heat B. Mechanical equivalent of heat C. Kilocalories D. Triple point
2	Hydrogen bomb is based on	A. Controlled chain reaction B. Uncontrolled chain reaction C. Nuclear fusion D. Nuclear fission
3	When a force of 4 N acts on a body of mass 2 kg for a time of 2 s, the rate of change of momentum is.	A. 2 kg ms -1 B. 4 kg ms-1 C. 8 kg m s-1 D. 16 kg m s-1
4	when a bowl of water is take into the bottom of a well the work done is.	A. Positive B. Negative C. Zero D. Maximum
5	Which one of the following solids exhibits only shot range order.	A. Amorphous solids B. Polymeric solids C. Crystalline solids D. Metals
6	Which of the following are electromagnetic waves.	A. Alpha particles B. Beta particles C. Gama rays D. Water waves
7	If we make the magnetic field stronger the value of induced emf is.	A. Decreased B. Increased C. Vanished D. Kept constant
8	Which one of the following materials has negative temperature coefficient.	A. Conductors B. Semiconductors C. Insulators D. Covalent bonds
9	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
10	Compton scattering experiment seemed to indicate that radiation had	A. Wave nature B. Particle nature C. Wave particle nature D. X-rays nature
11	Plane polarized light can be produce dby	A. Simple reflection B. Double refrraction C. Scattering of light D. All of these
12	A bodybuilders uses a chest expander with five springs it takes a force of 20 N to Pallone spring out by 15 cm how much force will be needed to extend the expander by 15 cm.	A. 50 N B. 75 N C. 150 N D. 1000 N
13	The potential due to which an electron is lifted from gerund state to excited state is.	A. Potential gradient B. excitation potential C. Ionization potential D. Potential difference
14	The possible values of principal quantum number are.	A. only zero B. 0,1,2,7 C. 1,2,38 D. 2,3,4,610
15	A preset or trimmer can be a.	A. Variable resistor B. Variable capacitor C. Variable inductor

		D. All of these
16	Which experiment is a demonstration that matter and energy can display properties of both waves and particles.	A. young's double slit experiment B. Division germier experiment C. Heisenberg's uncertainty experiment D. Stern Gerlach experiment
17	A piece of weighed wood just floats in water when placed in alcohol will	A. Float lower B. Float higher C. Stay as before D. Sink
18	A new class of ceramics materials was discovered in.	A. 1938 B. 1958 C. 1978 D. 1986
19	In comparison with the electrostatic force between two electrons the electrostatic force between two protons is.	A. Zero B. Smaller C. Greater D. Same
20	The chemical behavior of an atom is determined by	A. Mass number B. Number of Isotopes C. Atomic number D. Binding energy