

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
OI .	Quosiono	A. 5
1	The decimal equivalent of 1111 is	B. 10 C. 15 D. 120
2	The mechanical equivalent of heat is.	A. Physical quantity B. Constant C. Conversion factor D. Zero
3	A steel of which material should be placed between the plates of a parallel plate capacitor in order to increase its capacitance.	A. tin B. Iron C. Copper D. Mica
4	If two gases have same reduced pressure volume and temperature it is according to	A. Boyle's law B. Charles law C. Law of corresponding state D. Zeroth law
5	For which process is the relation Delta Q = Delta V true.	A. Isothermal B. Adiabatic C. isobaric D. Isochoric
6	Which of the following is the ability to hold an electric charge in electromagnetism.	A. Resistance B. Impedance C. Inductance D. Capacitance
7	Which term best describes the nature of light from modern view point.	A. Waves B. Rays C. Particles D. Photons
8	When a projectile reaches the highest point the vertical component of velocity becoems.	A. Small B. Vi cos thetha C. Zero D. Maximum
9	If an elevator is moving vertically up with an acceleration 'a' the force exerted on the floor by a passing of mass 'm' is	A. Ma B. Mg C. M(g +a) D. M (g-a)
10	Which of the following is not a mode of radioactive decay.	A. Positron emission B. Electron capture C. Fusion reaction D. A decay
11	Under an isothermal process internal energy of the system.	A. Increases B. Decreases C. Remain constant D. is Zero
12	A real object paled inside the focus of a convex lens gives	A. Real image but diminshed B. Real image but enlarged C. virtual image but diminished D. Virtual image but enlarged
13	Neither the position nor the momentum of a particle can be predicted with arbitrarily great precision is the statement of.	A. Archimede's principle. B. Heisenberg uncertainty principle C. Mosley's law D. Schrodinger's wave equation
14	If D1 and D2 are the powers of two lenses placed in contact then the power of the combination will be.	A. D1+D2 B. D1-D2 C. D1/D2 D. D1 x D2
15	The SI unit of decay constant is.	A. m B. m-1 C. s-1 D. N m-1

16	During an adiabatic gas expansion the environment	 A. Serves as a heat sink B. Serves as a heat source C. Must be at a higher temperatur than the gas D. Does not have to participate
17	A well known example of an intrinsic semi conductors is.	A. Germanium B. Phosphorus C. Cobalt D. Aluminium
18	Which of the following radiations will burn human skin	A. Infrared B. Ultraviolet C. X rays D. Alpha particles
19	An example of simple harmonic motion is	A. Fast moving cricket ball B. Motion of bicycle C. Motion of a bee D. Motion of simple pendulum
20	Lines of Balmer series are emitted by hydrogen atom when the electron jumps from	A. The first orbit to any other orbit B. Higher orbits to second orbit C. Higher orbits to first orbit D. The third orbit to higher orbit