

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The dimensions of stress are	A. [MLT <sup>-1</sup> B. [ML <sup>-1</sup> T] C. [ML <sup>-1</sup> T <sup>-1</sup> ] D. [ML <sup>-1</sup> T <sup>-2</sup> ]
2	A resistor connected to a battery is heated due to current passing through it. Which of the following quantity does not change.	A. Resistivity B. Resistance C. Number of free electrons D. Drift velocity
3	The maximum energy of photons emitted from an X rays tube is certain to be increased by	A. Increasing the voltage across the tube B. Decreasing the voltage across the tube C. Heating the metal target D. Putting a barrier in the way of photons
4	Which electrical component uses a low current circuit to switch a high current ON or OFF.	A. Capacitor B. Diode C. Reed relay D. Thermistor
5	The converse of pair production is	A. Annihilation of matter B. Materialization C. Compton effect D. Photo electric effect
6	When the temperature of source and sink of a heat engine become equal the entropy change will be.	A. Zero B. Maximum C. Minimum D. Negative
7	The period of a geostationary satellite is.	A. 32 hours B. 72 hours C. 48 hours D. 96 hours
8	Which both elements are good for nuclear fission.	A. Thorium and uranium B. Thorium and radium C. Plutonium and uranium D. Plutonium and thorium
9	Such substance which undergo plastic deformation until they break are known as.	A. Diatomic substances B. Monoatomic substances C. Ductile substances D. Brittle substances
10	The path of a projectile is a	A. Straight line B. Circle C. Ellipse D. Parabola
11	A force of 10 N is acting along z-axis, its component along x -axis and y-axis is	A. 2 N , 8 N B. 3 N, 7 N C. 5 N each D. Zero
12	Marie Curie and Pierre Curie discovered two new radioactive elements which are.	A. Uranium and radium B. Platinum and radium C. Polonium and radium D. Crypton and radon
13	With increase in temperature the angle of contact of liquid.	A. Increases B. Decreases C. Becomes zero D. First increase then decreases
14	The source of geothermal energy is	A. The fusion in the sun B. the radioactive decay in the earth's interior C. the rotation of earth around the sun D. The rotation of earth around its

15	The discovery of interference of light was made possible in.	A. 1801 B. 1901 C. 1825 D. 1925
16	What is used in an electric circuit to allow current in one direction only.	A. A fuse B. An ammeter C. A diode D. A relay
17	Which of the following is not true.	A. Velocity can be negative B. Velocity is a scalar C. Speed is a vector D. Speed can be negative
18	At what speed the mass of a body will be doubled.	A. 0.67 C B. 0.77 C C. 0.87 C D. 0.97 C
19	When a pentavalent material like arsenic is added to a tetravalent material such as germanium, we get a.	A. n-type material B. p-type material C. diode D. super conductor
20	A body at rest may have	A. Speed B. Momentum C. Acceleration D. Energy