

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The first measurement of the force between electric charges was made in.	A. 1684 B. 1784 C. 1864 D. 1874
2	The path of Gama rays in Wilson cloud chamber is	A. IrregularB. Dense and straightC. Thin and continuousD. Thin and discontinuous
3	When a ray of light enters a glass slab from air	A. Its frequency increases B. Its wavelength increases C. Neither frequency nor wavelength change D. Its wavelength decreases
4	An oscillator is basically an amplifier with loop gain	A. Zero B. Less than unity C. More than unity D. Infinity
5	Which of the following is an example of irreversible process.	A. Melting of ice B. Work done against friction C. Pettier heating and cooling D. All isothermal and adiabatic changes
6	A p-type material is formed then a semiconductor is doped with	A. Trivalent impurity B. Tetravalent impurity C. All of above D. A material having excess of free electrons
7	If a person winds a coil of wire around a steel rod and then passes an electric current through the wire then the	A. Steel rod becomes an electromagnet B. Steel rod becomes hot C. Wire becomes magnetized D. wire becomes demagnetized
8	There are how many modes of operations of a BJT.	A. 2 B. 3 C. 4 D. 5
9	The half life of a radioactive substance depend on.	A. Pressure B. Temperature C. Amount of substance D. No external influences
10	The perpendicular distance between the line of action of forces and the axis of rotation	A. Torque B. Moment arm C. Moment of force D. Momentum
11	Which of the following represents an elastic wave.	A. Light waves B. Radiowaves C. X-rays D. Sound waves
12	The dimensions of moment of inertia are	A. [ML2] B. [MLT-1] C. [ML2T-1] D. [ML-1T-2]
13	All the magnetic materials lose their magnetic properties when	A. Dipped in oilB. Dipped in waterC. HeatedD. Cooled
14	If the earth stopped rotating the weight of the object at the equator would.	A. Be greater B. Be same as before C. Be less D. Very with altitude

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15	Which of the following phenomenon is caused by the different speeds of light in differed optical media.	A. Reflection B. Refraction C. Diffraction D. Total internal reflection
16	By definition a gas is said to be have undergone adiabatic compressing when	A. No heat exchange occurs between the gas and its surroundings B. The gas is compressed quickly C. The gas is compressed slowly D. The temperature of the gas remains constant
17	in the region where the field lines are parallel and equally spaced, the field is.	A. Zero B. Unirorm C. Non uniform D. Negative
18	In which given process does the system always return to the original thermodynamic state.	A. Cyclic B. Adiabatic C. isothermal D. Isobaric
19	Ultrasonic sound waves	A. Can be heard by a normal human ear B. Can be heard with the help of hearing apparatus C. Can be heard with the help of microphone D. cannot be heard
20	When velocity of the body is doubled, which one is doubled too.	A. K.E. B. P.E C. Momentum D. Acceleration