

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The resistance of 10 micro F capacitance, when connected to A.D.C. circuit is.	A. Zero B. Unity C. -1 D. Infinity
2	Magnetic fields do not interact with	A. Stationary electric charges B. Stationary permanent magnets C. Moving electric charges D. Moving permanent magnets
3	Which incapability of the materials is represented by the phenomenon of hysteresis.	A. Magnetic saturation B. Low susceptibility C. Retrace the path D. Orientation
4	The pressure of a gas is directly proportion to	A. Mean velocity of the molecules B. Mean square velocity of the molecules C. Root mean square velocity of the molecules D. Instantaneous velocity of the molecules
5	In the case of forced oscillations frequency of oscillation is.	A. The natural damped frequency B. The natural undamped frequency C. The frequency of the external periodic force D. Some other frequency
6	Which is the correct statement regarding the nature of light.	A. It has wave nature B. It has particle nature C. It has both wave and particle nature at the same time D. It has wave nature sometime and particle nature at some other time.
7	The critical angle for a beam of light passing from water into air is 48.8°. This means that all light rays with an angle of incidence greater than this angle will be.	A. Absorbed B. Totally reflected C. Partially reflected and partially transmitted D. Totally transmitted
8	Gases exert pressure on walls of the vessels because gas molecules.	A. Possess momentum B. Have finite volume C. Collide with each other D. Obey gas laws
9	The area between the velocity time graph and the time axis is numerically equal to.	A. Distance moved by the object B. Speed of the object C. Velocity of the object D. Acceleration of the object
10	A diode can be used as	A. Amplifier B. Rectifier C. Oscillator D. Transistor
11	The scalar product of two vectors is negative when	A. Vectors are parallel B. Vectors are antiparallel C. Vectors are perpendicular D. Vectors are parallel with same magnitude
12	When we pass a radiation from a radioactive material through an electric field.	A. All three kinds of rays will be deflected B. Only the Gamma rays are deflected C. The Alpha and Beta particles are deflected D. Only the alpha particles are deflected
13	When all the systems taking part in a process are included, the entropy.	A. Decreases B. Either remains constant or increases C. Either remains constant or

		decreases D. Remains constant
14	The relationship between mass number atomic number and neutron number is.	A. $A = Z + N$ B. $A = Z - N$ C. $Z = A + N$ D. $N = Z - A$
15	The source of magnetic field are	A. Isolated magnetic poles B. Electric charge distributions C. Current loops D. Solenoids
16	The most familiar example of radioactive dating is.	A. Nitrogen dating B. Carbon dating C. Hydrogen dating D. Helium dating
17	Why transistor is preferred to triode valve for use as an amplifier.	A. Because it can handle large power B. Because it has higher input impedance C. Because it has higher voltage gain D. Because it has lower voltage gain
18	An Alpha particle is the same as	A. A helium nucleus B. A high speed electron C. A hydrogen nucleus D. Electromagnetic radiation of short wavelength
19	Interference fringe spacing depends on	A. The wavelength of light used B. The distance screen from the coherent sources C. Separation between the sources D. All of the above
20	A disturbance that travels through space and time usually accompanied by energy transfer is called.	A. sound B. Wave C. Echo D. Frequency