

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The process where by energy is dissipated from the oscillating system is called.	A. Resonance B. Damping C. Forced oscillation D. Free oscillation
2	Which type of radiation would be stopped completely by a thin piece of cardboard.	A. Alpha particles B. Beta particles C. Gama rays D. X-rays
3	A hydrometer floats to a particular level in sea water in fresh water it.	A. Floats lower B. Sinks completely C. Floats higher D. Floats at the same level
4	The net charge on a condenser is	A. Zero B. Q/2 C. 2Q D. Infinity
5	The electrons behave as wave because.	A. They can be diffracted by a crystal B. They can be defecting by magnetic field C. They can be deflecting by electric field D. they can produce ions in gases
6	A double convex lens acts as diverging lens when the object is.	A. Inside the focus B. At the focus C. Between F and 4 F D. a 4F
7	The amplitude of sound wave determines its	A. Pitch B. Loudness C. Reverberation D. Interference
8	Which vector can be used to locate the centre of mass of a collection of particles.	A. Null vector B. Unit vector C. Position vector D. Distance vector
9	A rod of refractive index 1.42 is immersed in a liquid of refractive index 1.42 the rod will	A. Become invisible B. appear slightly bent C. Appear slightly raised D. Reduce its refractive index
10	Which one of the following has maximum frequency.	A. Visible light B. Gama rays C. Ultraviolet rays D. Infrared rays
11	The pressure change in a confined incompressible fluid is transmitted equally in all directions throughout the fluid and to the walls of the container This is.	A. Archimedes principle B. Kirchhoff's law C. Pascal's law D. Ampere's law
12	Cobalt -60 is a radioactive element with half life of 5.25 years. What fraction of the original sample will be left after 26 years.	A. 1/4 B. 1/8 C. 1/16 D. 1/32
13	In a compound microscope objective lens acts as a projector and eye place as a	A. Compensator B. Erecting lens C. Simple microscope lens D. Turntable
14	Where is the velocity of electrons maximum in a diode.	A. Near the cathode B. Near the anode C. In the space ini between the two elecrode. D. It is same throughout the tube
15	if temperature eon Celsius scale is 50 oC the temperature on Fahrenheit scale will be	A. 102 ^o F B. 108 ^o F

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16	In order to reduce uncertainty in momentum one must use light of.	A. Short wavelength B. Large wavelength C. Wavelength of intermediate value D. Wavelength of any value
17	In order of a cyclic heat engine operating between two heat reservoirs to be as efficient as a Carnot engine. It must be.	A. A gas engine B. Adiabatic C. Reversible D. A refrigerator
18	The energy of neutrons obtained during a fission reaction is.	A. 0.1 MeV B. 1 KeV C. 1 MeV D. Zero
19	Balimer series lies in the	A. Visible region B. Invisible region C. Infrared region D. Far infrared region
20	The splitting of atomic energy levels and the associated spectrum lines when the atoms are placed in a magnetic field is called.	A. The photoelectric effect B. The zeeman effect C. The Compton effect D. Quantum effect