Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	What are gravitational waves.	A. Electromagnetic waves B. Mechanical waves C. Ocean waves D. Ripple in the fabric of spacetime
2	Internal resistanc and e.m.f of a cell can be determined by an instrument.	A. CRO B. AVO Meter C. Botha CRO and AVO meter D. Potentiometer
3	What is teh value of the current in a wire of 10 cm long of the right angle to a uniform magentic field of 0.5 1weber/m2 when the force acting on the wire is 5 N ?	A. 1 A B. 100 A C. 10 A D. 1000 A
4	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None
5	Total number of magnetic lines of foce passing normally through unit area is called.	A. Flux density B. Magnetism C. Flux D. Magnetic flux
6	The e.m.f. produced in th conductor when it moves across a magnetic field is called.	A. Self emf B. Motonal emf C. Mutual emf D. Induced emf
7	Example of mechanical way is.	A. Water wave B. Radio wave C. Infrared wave D. Ultraviolet
8	The wave is used to transfer.	A. Energy B. Mass C. Weight D. Frequency
9	A no intertial frame of reference.	A. Moves with some acceleration B. Is always rest on earth C. Moves with uniform velocity D. All of the above
10	If 30 waves per second pass through a medium at speed of 30 ms-1, the wavelength is.	A. 30 m B. 15 m C. 900 m D. 1 m
11	If amplitude of wave is doubled the energy becomes.	A. Four times B. Half C. Twice D. Six times
12	Two pont charges A and B are separated by 10 m. If the distance between tehm is reduced to 5 m. the force exerted on each.	A. Decrease to half its original value B. Increase to twice the original value C. Increase four times to its original value D. Decreases to one quarer of its original value
13	In all natural prcoessees where heat flow from one system to another there is always a net increase in	A. Pressure B. Entropy C. Work D. Volume
		A. Parallel and equally

14	A uniform electric field is represented by a set of lines which are.	spaced B. Converging C. Diverging D. Circular
15	What type of waves do headphones use to produce sound	A. Electromagnetic waves B. Mechancial waves C. Pressure waves D. Longitudinal waves
16	Which of the following rays cannot be polarized.	A. Sound Waves B. Light Waves C. X- Rays D. Infrated rays
17	The electric constnat of rubber is.	A. 2.94 B. 2 C. 2.1 D. 3.40
18	High rrequency radio waes used in radars travel in water.	A. Few centimeter B. Few meter C. Few kilometer D. No Distance
19	A strong nuclear force exists between the nucleons of.	A. p - p B. p -n C. n - n D. All of these
20	First law of thermodynamics is based upon law of conservatio of.	A. Mass B. Momentum C. Energy D. Charge