

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
2	Young's modulus for water's is	A. Zero B. 1 C. 2 D. 3
3	A pentavalent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
4	$X=A+B$ is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
5	The mass spectrum of naturally occurring neon, showing	A. 1 isotope B. 2 isotope C. 3 isotope D. 4 isotope
6	Step up transformer is used.	A. Step up D.C. voltage B. Step up A.C. voltage C. Step up both A.C and D.C. D. Step up A.C. current
7	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
8	Platinum wire becomes white at a temperature of.	A. 1600°C B. 1300°C C. 1100°C D. 900°C
9	The reciprocal of decay constant λ of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
10	A device that shows the visible path of ionizing particle is called.	A. GM counter B. Solid state detector C. Scalar D. Wilson cloud chamber
11	The temperature of core of nuclear reactor is:	A. 1100°C B. 1200°C C. 1300°C D. 1400°C
12	A pair of quark and anti quark makes a.	A. Meson B. hadron C. Lepton D. Baryon
13	The Basic circuit element in a D.C. circuits which controls the current and voltage is	A. Resistor B. Inductor C. Capacitor D. Transistor
14	SI unit of henry which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA
15	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero

16	e.m.f is the conversion of ----- energy into electrical energy	<p>A. Chemical</p> <p>B. Solar</p> <p>C. Light</p> <p>D. None of these</p>
17	The anodes in cathode ray oscilloscope.	<p>A. Control number of waves</p> <p>B. Control brightness of sept formed</p> <p>C. Accelerate as well as focus beam</p> <p>D. Negative potential w.r.t to cathode</p>
18	The emf induced by the motion of a conductor across a magnetic field is called:	<p>A. Motional emf</p> <p>B. Rotational emf</p> <p>C. Induced emf</p> <p>D. All of above</p>
19	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	<p>A. Be doubled</p> <p>B. Become half</p> <p>C. Not change</p> <p>D. Be four time</p>
20	Electric intensity due to an infinite sheet of charge is:	<p>A. $\frac{\sigma}{2\epsilon_0}$</p> <p>B. $\frac{\sigma}{\epsilon_0}$</p> <p>C. $\frac{\sigma}{r^2\epsilon_0}$</p> <p>D. none of these</p>