

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The force which is responsible for the breaking up of the radioactive element is.	A. Weak nuclear force B. Strong nuclear force C. Electromagnetic force D. Gravitational force
2	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
3	The gain of transistor amplifier depends upon	A. Resistance connected with collector B. Resistance connected with base voltage C. Input voltage D. Output voltage
4	Minimum number of semi conductor diodes required for full wave rectification are.	A. 1 B. 2 C. 3 D. 4
5	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
6	The SI unit of E is NC-1 and that of B is Na-1 m-1 then the unit of E/B is.	A. ms-2 B. ms C. ms ⁻¹ D. m-1s-1
7	For workers in nuclear facilities is, a weekly does of is normally considered safe	A. 1.0 msv B. 5.0 msv C. 2.0 msv D. 3.0 msv
8	Electric potential at a distance "r" from "q" is:	A. $V \le b \le c \le 1/54\pi \epsilon \le b \le c \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le 1/54\pi \epsilon \le b \le c \le b \le b \le c \le b \le b \le c \le b \le b$
9	In extrinsic semiconductors doping is of the order of.	A. 1 atom to 10 ⁴ B. 1 atom to 10 ⁶ C. 1 atom to 10 ⁸ D. 1 atom to 10 ³
10	A device used for detection of current is called.	A. Inductor B. Voltmeter C. Capacitor D. Galvanometer
11	The bnding energy for nucleus A is 7.7 Me V and that for nucleus B is 7.8 MeV. Which nucleus has the larger mass?	A. Nucleas A B. Nucleus B C. Less than nucleus D. None of these
12	The dead time of G.M tube is.	A. 10 ⁻¹ sec B. 10 ⁻⁶ sec C. 10 ⁻⁴ sec D. 10 ⁻⁸ sec
13	The Basic circuit element in a D.C. circuits which controls the current and voltage is	A. <div>Resistor</div> B. Inductor C. <div>Capisitor</div> D. Transistor
14	Which one is photo conductor.	A. Copper B. Selenium C. Mercury D. Aluminium
15	When platinum is it becomes orange at.	A. 500 ^o C B. 900 ^o C C. 1100 ^o C

		D. 1300 ^o C
16	A battery is used in	A. ohmmeter B. Ammeter C. Galvanometer D. Voltemeter
17	Commentator was invented by	A. Henry B. Ousted C. Maxwell D. William sturgeon
18	Target material used in x-rays tube have following properties.	A. High atomic number and high melting pouint B. High atomic number and low melting pouint C. Low atomic number and low melting pouint D. High atomic number only
19	The emission of electrons from metal surface when exposed to light is called:	A. Compton effect B. Pair production C. Photoelectric effect D. None of above
20	Electrons are	A. Hadrons B. Laptons C. Quarks D. Baryons