

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	An ECG records the _____ between points on human skin generated by electric process in the heart.	A. Heart beat B. Pulse rate C. Pressure D. Voltage
2	In RLC circuit the energy is dissipated in	A. R only B. R and L C. R and C D. L and C
3	The phase angle of a series RLC circuit at resonant frequency is	A. $1/2$ B. $\pi$ C. Zero D. $\pi/4$
4	When an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
5	The vessel containing the two electrodes and liquid is known as.	A. Chemical cell B. Volta cell C. Volta cell D. Volta meter
6	The P.D developed in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V
7	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
8	A two inputs NAND gate with inputs a and b has an output '0' if.	A. B is zero B. A is zero C. Both A and B are 1 D. Both A and B are '0'
9	At 0 K a piece of silicon is a	A. Conductor B. Semi-conductor C. Insulator D. All
10	Maximum Compton shift is observed at.	A. $30^\circ$ B. $90^\circ$ C. $45^\circ$ D. $180^\circ$
11	Before and after nuclear reaction the number of protons and neutrons:	A. Must be different B. Must be decreased C. Must be increased D. Remains same
12	Pair production occurs only when energy of photon is at least equal in:	A. 1.02keV B. 1.02 eV C. 1.02 MeV D. 1.02 GeV
13	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above
14	The output of two input is zero only when its.	A. Both inputs are zero B. Either input is zero C. Both inputs are one D. Either input is one
15	Magnetic effect of current is used in.	A. Toaster B. Electric iron C. Electric motor D. D.C. Battery

16	The electric potential at a mid point in an electric dipole is.	A. 0 V B. 0.5 V C. 1 V D. 1.5 V
17	An alternating voltage is given by $20 \sin 157 t$ . The frequency of alternating voltage is:	A. 50 Hz B. 25Hz C. 100 Hz D. 75 Hz
18	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
19	The gate, which changes the logic level to its opposite level is called	A. NOR gate B. AND gate C. OR gate D. NOT gate
20	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36