

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The Compton effect is associated with	A. X-rays B. $\gamma$ -rays C. Positive rays D. $\beta$ -rays
2	Radius of first orbit of an atom is $r_1 = 0.053$ nm, Radius of second orbit $r_2$ will be.	A. 0.106 nm B. 0.212 nm C. 0.053 nm D. $0.53 \times 10^{-10}$ nm
3	Donor impurities are	A. Germanium, silicon B. Indium, gallium C. Antimony, arsenic D. Diamond, carbon
4	The peak to peak value of alternating voltage is	A. $2V_{\text{rms}}$ B. $V_{\text{rms}}$ D. None of these
5	The symbol of p-n-p transistor is	
6	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnetic flux D. Electric flux
7	Unit of impedance is:	A. Ohm B. $\text{Ohm}^{-1}$ C. no unit D. $\text{Ohm m}^{-1}$
8	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
9	The open loop gain of the amplifier is order of.	A. $10^6$ B. $10^5$ C. $10^7$ D. $10^3$
10	Earth orbital speed is.	A. 10 km/s B. 20 km/s C. 30 km/s D. 40 km/s
11	the number of terminals in a semiconductor diode are	A. 2 B. 3 C. 4 D. 5
12	The Balmer series is obtained when all the transition of electrons terminate on	A. 1st orbit B. 2nd orbit C. 3rd orbit D. 4th orbit
13	A battery move a charge of 40 C around a circuit at constant rate in 20 Sec. The current will be.	A. 2 A B. 0.5 A C. 80 A D. 800 A
14	The peak value of A.C source is 20 A, then its rms value will be.	A. 14.1 A B. 10 A C. 20 A D. 28.2 A
15	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. X ray region
16	The jerks in D.C. motor are created by the use of.	A. Armature B. Commutators C. Split rings

17 The longest wavelength of Paschen series is.

- A. 656 nm
- B. 1094 nm
- C. 1875 nm
- D. 2000 nm

18 Which one is not a crystalline solid.

- A. Zinc
- B. Copper
- C. Nylon
- D. None of these

19 Resistance tolerance of silver band is.

- A. 10%
- B. 6%
- C. 7%
- D. 5%

20 Which one of the following is ductile substance.

- A. Copper
- B. Lead
- C. Wrought iron
- D. All of them