

## 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	Cosmic rays consist of	A. Protons B. High energy photons C. Positron D. All of above
3	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
4	The existence of positron in 1928 was predicted by	A. Anderson B. Dirac C. Chadwick D. Plank
5	Resistance tolerance for gold colour is.	A. 50% B. 30% C. 20% D. 5%
6	If a charge is at rest in a magnetic field then force on charge is	A. Zero B. Double C. One fourth D. Four times
7	Black Body radiation spectrum is an example of:	A. Atomic spectra B. Line spectra C. Continuous spectra D. None of above
8	The effective value of any sinusoidal alternating current or voltage is	D. None of the above
9	The dimensions of magnetic flux are	A. $M^{1/2}L^{1/2}T^{-1}A^{-1}$ B. $MLT^{-2}A^{-1}$ C. $ML^2T^{-2}A^{-1}$ D. $ML^2T^{-1}A^{-1}$
10	Which one of the following paved the way for modern physics	A. Newtonian mechanics B. Theory of relativity C. Quantum theory D. All of above
11	If both the length and radius of the rod are doubled, then the modulus of elasticity will:	A. Increase B. Decrease C. Remains the same D. Doubled
12	In case of reverse biasing, current is flown due to:	A. Minority charge carriers B. Majority charge carriers C. Electrons D. Protons
13	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
14	The algebraic sum of potential change in a closed circuit is zero.	A. Kirchhoff's 1st rule B. Kirchhoff 2 <sup>nd</sup> rule C. Krichoff's 3 <sup>rd</sup> rule D. Kirchhoff 4 <sup>th</sup> &nbsp;rule
15	The radius of 10th orbit in hydrogen atom is.	A. 0.053 nm B. 0.53 nm C. 5.3 nm D. 53 nm

D. 53 nm

16 A rheostat can operate as.

- A. Amplifier
- B. Potential divider
- C. Oscillator
- D. Transformer

17 In full wave rectification number of diodes required are equal to.

- A. 2
- B. 3
- C. 4
- D. 5

18 The unit of induced emf is

- A. Ampere
- B. Volt
- C. Joule/coulomb
- D. Both (b) and (c)

19 The dimension of stress is

- A.  $[ML^{-1}]$
- B.  $[ML^{-1}T]$
- C.  $[ML^{-1}T^{-1}]$
- D.  $[ML^{-1}T^{-2}]$

20 The velocity of an oscillating charge as it moves to and fro along a wire is.

- A. Changing
- B. Constant
- C. Infinite
- D. zero