

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The electrical intensity is equal to:	A. $-\Delta r/\Delta v$ B. $\Delta v/\Delta r$ C. $\Delta v/\Delta v$ D. $-\Delta v/\Delta r$
2	If I_0 is the peak value of current, then its root mean square value is given by	B. $2 I_{\text{sub}0}$ C. $I_{\text{sub}0}$ D. $0.7 I_{\text{sub}0}$
3	Helium-Neon laser discharge tube contains neon	A. 82% B. 15% C. 25% D. 85%
4	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
5	The SI unit of stress is same as that of.	A. Pressure B. Force C. Momentum D. Work
6	A proton consists of quarks which are.	A. Two up, one down B. One up, two down C. All up D. All down
7	If a charge body moved against the electric field it will again	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
8	The current through a resistance of 100 Ohm when connecting across a source of 220 V is.	A. 22000 A B. 22 A C. 2.2 A D. 0.45 A
9	The minimum frequency needed to emit an electron from metal surface is called:	A. Work function B. Threshold frequency C. Quanta frequency D. All of above
10	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
11	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. Silver
12	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
13	By modern system of NAVSTAR, the speed anywhere on the earth can be determined to accuracy about.	A. 20 ms ⁻¹ B. 10 ms ⁻¹ C. 2 cms ⁻¹ D. 2 ms ⁻¹
14	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
15	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above

16	The main use of A.C is	A. Minimum line losses B. Long distance transmission C. Stepping up to required voltage only D. Steeping down to required voltage only
17	Balmer series lies in region of electromagnetic spectrum.	A. Infrared B. Visible C. Ultraviolet D. Fra infrared
18	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
19	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
20	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these