

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
2	A soft iron cylinder is placed inside coil galvanometer to:	A. Make field circular and strong B. Make field radial and weak C. Make field radial and strong D. All of above
3	The shortest wave length is Bracket series has wave length.	A. $16/R_n$ B. $R_n/16$ C. $16 R_n$ D. $4 R_n$
4	The ratio Beta in transistor is called.	A. Voltage gain B. Emitter gain C. Current gain D. Nuclear gain
5	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these
6	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
7	Unit of decay constant λ is:	A. ms B. m^{-1} C. m D. S^{-1}
8	Choke consumes extremely small	A. Current B. Charge C. Power D. Potential
9	Resistance tolerance for gold colour is.	A. 50% B. 30% C. 20% D. 5%
10	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Inferred region
11	Truth table of logic function.	A. Summarize its output values only B. Tabulates all its input conditions only C. Display all its input and output possibility D. Is not base on logic algebra
12	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz
13	When a very high energy modeules such as γ radiation interact with matter, the phenomenon arising will be.	A. Photoelectric effect B. Compton effect C. Pair production D. Annihilation of matter
14	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
15	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. ...

		D. Meson
16	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
17	The value of Stefan is constant is:	A. 4.57×10^{-8} B. $5.67 \times 10^{-8} \text{ W m}^{-2} \text{ K}^{-4}$ C. 6.67×10^{-11} D. $7.45 \times 10^{-9} \text{ m}^{-2} \text{ W K}^{-3}$
18	Which of the following quantities remain constant in step up transformer?	A. Current B. Voltage C. Power D. Heat
19	The number of protons in any atom are always equal to the number of	A. Neutrons B. Electrons C. Positrons D. Mesoris
20	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television D. Transformer