

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
2	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
3	The circuit of full wave rectification consist of	A. Three diodes B. Four diodes C. Two diodes D. One diode
4	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
5	Presence of dielectric between two charges always.	A. Reduces the electric force B. Enhance the electric force C. Does not effect electric force D. Double the electric force
6	Absorbed Dose 'D' is defined as	A. m/E B. E/C C. C/m D. E/m
7	The highest value reached by the voltage or current in one cycle is called:	A. Peak to peak value B. Peak value C. Instantaneous value D. Root mean square value
8	Black Body radiation spectrum is an example of:	A. Atomic spectra B. Line spectra C. Continuous spectra D. None of above
9	One henry is equal to	A. 1 ohm x 1 sec B. 1 ohm x 1 hertz C. 1 ohm x 1 metre D. All of above
10	The most refined form of matter is:	A. Smoke B. Light C. Ice D. Fog
11	When a motor is over loaded then the magnitude of back emf.	A. Increases B. Decreases C. Remain constant D. Zero
12	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography
13	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
14	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
15	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

16	The unit of impedance is.	A. Henry B. Hertz C. Ampere D. Ohm
17	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
18	Semiconductor diodes are called:	A. Ohmic B. non ohmic C. Both a & b D. none of above
19	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. Anihilation D. Pair production
20	What is the co-efficient of mutual inductance, when the magnetic flux changes by 2×10^{-2} Wb, and change in current is 0.01 A?	A. 2 H B. 3 H C. 1/2 H D. Zero