

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Energy band theory is based upon	A. Hund's Rule B. Heisenberg uncertainty principle C. Bohr's atomic Model D. Wave mechanical model
2	Farad is defined as	A. "Coulomb/Volt B. Ampere /Volt C. Coulomb /Joule D. Volt/Coulomb
3	The value of Rydberg constant is	A. 1.0974 x 10 <sup>7</sup> m <sup>1</sup> B. 1.0974 x 10 <sup>-7</sup> m <sup>-1</sup> C. 1.0974 x 10 <sup>6</sup> m <sup>-1</sup> D. 1.0974 x 10 <sup>-6</sup> m <sup>-1</sup> D. 1.0974 x 10 <sup>-6</sup> m <sup>-1</sup>
4	The dimensions of magnetic flux are	A. M <sup>1</sup> L <sup>- 2</sup> T <sup>1</sup> A <sup>1</sup> B. MLT <sup>-2</sup> A <sup>-1</sup> C. ML <sup>2</sup> T <sup>2</sup> A <sup>-1</sup> 1 D. ML <sup>2</sup> T <sup>T<sup>- 2</sup>A<sup>- 1</sup></sup>
5	In the Bohr's model of the hydrogen atom, the lowest orbit corresponds to:	A. Infinite energy B. Maximum energy C. Minimum energy D. Zero energy
6	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m
7	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
8	The mathematical symbol for NOR operation is	B. X = A . B C. X = A + D
9	In three phase voltage across any two lines is about.	A. 220 V B. 230 V C. 400 V D. 430 V
10	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
11	The electric flux through closed surface depends upon	A. Charge B. Medium C. Geometry D. <div>Charge and Medium</div>
12	A cable breaks if stretched by more than 2mm. It is cut into two equal parts. How much either part can be stretched without breaking?	A. 25 m B. 1mm C. 2mm D. 0.5 m
13	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
14	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons

		D. Charge number
15	The peak value of alternating current is $5\sqrt{2}$ A. The mean square value of current will be:	A. 5A B. 2.5A C. 5 <b style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">√2A</b> D. 5 <sup>2</sup>
16	Step up transformer is used.	A. Step up D.C. voltage B. Step up A.C. voltage C. Step up both A.C and D.C. D. Step up A.C. current
17	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
18	The number of electrons emitted depends upon	A. Colour of target surface     B. Shape of surface     C. Frequency of incident light     D. Intensity of incident light
19	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
20	The unit of work function is	A. Electron volt B. Ampere C. Volt cell D. Hz