

10th Class Physics English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	What type of graph is in between V and I?	A. Curved B. Parabola C. Straight line D. None of these
2	The pitch of a sound is most closely related to its:	A. <p>Wave form</p>
3	The screen of a cathode ray tube consists of a thin layer of:	A. <p>Sodium</p>
4	the unit of frequency is:	A. <p>hertz</p>
5	The critical angle for a beam of light passing from water into air is 48.8 degrees. This mean that all light rays with an angle of incidence greater than this angle will be:	A. <p>Absorbed</p>
6	The vacuum all electromagnetic wave have the same	A. speed B. frequency C. amplitude D. wavelength
7	If there is no extension in the spring then the position is called:	A. <p>Equilibrium position</p>
8	The symbol of AND operation is:	A. + B. - C. . D. *
9	When we heat the metal at high temperature they emit:	A. <p>Holes</p>
10	In A.C. generator flux will be zero if coil is to the field.	A. 90° B. 45° C. Parallel D. Inclined

11	When a uranium (92 protons) ejects a beta particle, how many protons are left in the remaining nucleus?	A. 92 protons B. 91 protons C. 93 protons D. 89 protons
12	The time period of frequency and time period is equal to:	A. v B. 1 C. 0 D. λ
13	Concave mirror formula is given by:	A. $R = 2r$ B. $\sin i / \sin r$ C. $1/f = 1/p + 1/q$ D. $1/f = 1/p - 1/q$
14	Mathematical formula of electromotive force (e.m.f) is:	A. $E = W/Q$ B. $E = Q/W$ C. $E = WQ$ D. $E = W^2Q$
15	If we double the distance between two charges, then force becomes	A. 4-times B. 1/4th C. Double D. Half
16	That period in which voltage repeats its value in equal intervals is called:	A. cycle B. Time period C. Frequency D. Amplitude
17	The refractive index of ice is:	A. 1.00 B. 1.33 C. 1.31 D. 2.42
18	Circuit breaker works on the principle of:	A. Electric current B. Magnetism C. Electromagnetism D. Electrostatics
19	Which is an example of a longitudinal wave:	A. Sound wave B. Light wave C. Radio wave D. Water wave
20	What is the power rating of a lamp connector to a 12 V source when it carries 2.5 A:	A. 4.8W B. 14.5W C. 30W D. 60W