

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	In there is no extension in the spring then this positon is called	A. Equilibrium position B. Unequilibrium C. Nautral equilibrium D. Stable equilibrium
2	The force applied on the mass attached with a spring is represented by:	A. $F_{a/c}$ B. $F_{c/c}$ C. $F_{ext/s}$ D. $F_{s/s}$
3	The waves, which are used to detect the broken bones, are called:	A. Light waves B. x-rays C. Sound waves D. both b,c,
4	The disturbance travelling in a medium is called:	A. Wave motion B. Simple harmonic motion C. Motion D. both a ,b
5	The relation between v,f and λ of a wave is:	A. $v f = \lambda$ B. $f \lambda = v$ C. $v \lambda = f$ D. $v = \lambda / f$
6	Which of the following characteristic of a wave is independent of the others .	A. speed B. frequency C. amplitude D. wavelength
7	A large ripple tank with a vibrator working at a frequency of 30 Hz produces 25 complete wae in distance of 50 cm. The velocity of the wave is:	A. 54 cms ⁻¹ B. 60 cms ⁻¹ C. 750 cms ⁻¹ D. 1500 cms ⁻¹
8	The vacuum all electromagnetic wave have the same	A. speed B. frequency C. amplitude D. wavelength
9	Which of the following is a method of energy transfer.	A. Conduction B. Reatiation C. wave motion D. all of these
10	Wave transfer	A. Energy B. Frequency C. Wavelength D. Velocity
11	Which of the following devices can be used to produce both a transverse and longitudinal waves?	A. A string B. A ripple tank C. A helical spring D. A tuning fork
12	If the mass of the bob of a pendulum is increased by a factor of 3. The period of the pendulum's motion will:	A. Be increased by a factor 2 B. Remain the same C. Be decreased by a factor of 2 D. Be decreaseda by a facro of 4