

ECAT Physics Chapter 8 Waves Online Test

Sr	Questions	Answers Choice
1	Fluids can transmit:	A. Transverse wave B. Compressional wave C. Both of them D. None of them
2	Transverse waves can be set up:	A. Solids B. Liquids C. Gases D. All of them
3	In compressional wave, the layer of medium having reduced pressure is called:	A. Compression B. Elasticity C. Node D. Rarefaction
4	A string is stretched between two points and is plucked at right angles to its length, the vibration produced is:	A. Longitudinal wave B. Transverse wave C. No vibration at all D. None of them
5	The square of 0.4 is:	A. Greater than 0.4 B. Smaller than 0.4 C. Equal to 0.4 D. None of them
6	In the same medium, velocity of the wave:	A. Goes on increasing B. Remains constant C. Goes on decreasing D. None of these
7	A traveling wave has a shape of:	A. Square wave B. Sine wave C. Parabola D. hyperbola
8	The distance covered by the wave in one second is:	A. Wave number B. Wave length C. Frequency D. Wave speed
9	The distance covered by the wave during one period is called its:	A. Wave number B. Frequency C. Wavelength D. Time period
10	Longitudinal waves are also called:	A. Congressional waves B. Transverse waves C. Radio waves D. None of them
11	Which of the following is not mechanical wave?	A. Sound wave B. Light wave C. wave produced in spring D. None of them
12	When a wave travels from one place to another, it transfers:	A. Matter B. Energy C. Momentum D. Both B and C
13	Which of the following is/are example/s of mechanical waves i.e. waves generated in _____:	A. Rope B. Coil of spring C. Water D. All of them
14	The waves which propagate out in the space due to oscillations of electric and magnetic fields are called:	A. Mechanical waves B. Electromagnetic waves C. Matter waves D. All of them
15	The waves which propagate through the oscillations of material particles are known as:	A. Mechanical waves B. Electromagnetic waves C. Any of them D. None of them

