Physics ICS Part 1 Chapter 7 Online Test

Sr	Questions	Answers Choice
1	If 20 waves pass through medium in one second with a speed of 20 m/sec than wavelength is	A. 1 m B. 10m C. 20m D. 2 m
2	The distance between two consecutive throughs is.	A. Frequency B. Wave front C. Wave Length D. Speed
3	If the tension of a stretched string is made four times, then the velocityof wave.	A. Remain same B. Is halved C. Becomes twice D. Becomes 4 times
4	In number of nodes in open end organs pipes are 'N' THEN THE NUMBER OF ANTINODES ARE.	A. N B. N+1 C. N - 1 D. N - 2
5	The ripple tank is used to study various features of	A. Wave B. Particle C. Light D. Sound
6	A set of freqeuncies which are multiples of the fundamental frequency are called.	A. Doppler effect B. Nodal frequencies C. Harmonics D. Beat frequencies
7	A one meter long string establishes two loops waves length of the wave is.	A. 1 m B. 0.5 m C. 0.25 m D. 2 m
8	The particles of medium in longitudinal wave vibrate direction of propagation	A. Parallel B. Perpendicular C. Upward D. None of these
9	In transverse waves, the particles vibrate.	A. Parallel B. Perpendicular C. Opposie D. Anti Parallel
10	The wave is used to transfer.	A. Energy B. Mass C. Weight D. Frequency
11	The result of constructive interference between two waves is represented as.	A. A decrease in amplitude B. An increase in amplitude C. No change in amplitude D. A shift in phase
12	The waves produced due to oscillation of electric and magnetic fields are.	A. E.M. Waves B. Mechanicla waves C. Sound waves D. Light waves
13	The path difference is an odd integral multiple of half wavelength is for	A. Constructie interferece B. Destructive interference C. Both a and b D. Beats
14	Portion of the transverse waves above the men position is	A. Crest B. Through C. Amplitude D. Wave length
15	The bending of waves around an obstacle is called.	A. Refraction B. Reflection C. Diffraction D. Interference

16	The portion of wave below the mean position is called.	A. Crest B. Trough C. Frequncy D. Wave Length
17	Energy is not carried by	A. Transverse wave B. Loongitudinal wave C. Stationary wave D. Progressive wave
18	The beats are result of.	A. Interference B. Superposition C. Destructive interference D. Constructive and destuctive interference
19	If a stretched string is 4 m and it has 4 loops of stationary waves, then wavelength is.	A. 1 m B. 2 m C. 3 m D. 4 m
20	The Doppier Effect used in astronomy is for.	A. Measuring the diameners of stars B. Determing velocity of galaxies C. Analyzing properties of black holes D. Studying behaviour of electromagnetic waves