

Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	Two tuning forks of frequencies 240 Hz and 243 Hz are sounded together, the number of beats per second is.	A. Zero B. 2 C. 3 D. 4
2	On loading the prong of a tuning fork with wax, the frequency of sound.	A. Increases B. Decreases C. Remains same D. First increases then decrease
3	Diffraction is a special type of	A. Reflection B. Polarization C. Interference D. Refraction
4	When two identical waves superimposed, which can change.	A. Wave length B. Frequency C. Velocity D. Amplitude
5	When two identical travelling waves are superimposed, velocity of resultant wave.	A. Decreases B. Increases C. Remain same D. Becomes zero
6	Two waves of same frequency and moving in the same direction produces.	A. Interference B. Diffraction C. Beats D. Stationary waves
7	The process followed by Newton for the determination of speed of sound in air is	A. Adiabatic B. Isothermal C. Isobaric D. Isochoric
8	The speed of sound in air at 0 °C is 332 ms ⁻¹ , Then the speed at 40 °C will be	A. 372 ms ⁻¹ B. 356 ms ⁻¹ C. 346 ms ⁻¹ D. 332 ms ⁻¹
9	Velocity of sound is independent of	A. Temperature B. Density C. Pressure D. Medium
10	When sound waves enter in different medium, the quantity that remains unchanged is.	A. Intensity B. Speed C. Frequency D. Wave length
11	the velocity of sound is maximum at 20 °C in	A. Lead B. Copper C. Glass D. Iron
12	Frequency range of hearing of cats is.	A. 20-20000 Hz B. 10- 10000 Hz C. 60-20000 Hz D. 60-70000 Hz
13	the louder the sound, the greater will be its.	A. Speed B. Frequency C. Amplitude D. Wave length
14	In which medium the speed of sound is greater.	A. Oxygen B. Air C. Water D. copper
15	Speed of sound in aluminum at 20 °C is.	A. 3600 m/s B. 5100 m/s C. 5130 m/s D. 3500 m/s

16	The speed of sound in air is 340 m/s. If the pressure of air is doubled then the speed becomes.	A. Double B. Half C. Four times D. Remains same
17	Sound wave can not be	A. Reflected B. Refracted C. Diffracted D. Polarized