Sound

Sr	Questions	Answers Choice
1	Astronauts is space need to communicate with each other by radio links because:	A. Sound waves travel very slowly in space. B. Sound waves travel very fast in speace C. Sound waves cannot travel in space D. Sound waves have low frequency in space
2	1 KB = :	A. 1024 bytes<o:p></o:p> B. 1024 KB<o:p></o:p> C. 1024MB<o:p></o:p> D. None of these<o:p></o:p>
3	The energy is transferred from one place of another:	A. through matter<o:p></o:p> B. through waves<o:p></o:p> C. both a and b<o:p></o:p> D. through vacuum<o:p></o:p>
4	Bets can hear sound of frequency up to:	A. 100,000 Hz B. 25000 Hz C. 120,000 Hz D. 1000 Hz
5	Radio waves are:	A. Longitudinal waves<o:p></o:p> B. Transverse waves<o:p></o:p> C. Electromagnetic waves<o:p></o:p> D. All of these<o:p></o:p>
6	the water waves after striking the hurdle will:	A. reflect<o:p></o:p> B. refract<o:p></o:p> C. diffract<o:p></o:p> D. all a b and c<o:p></o:p>
7	The loudness of sound is most closely related to its:	A. Freqeucy B. Period C. Wavelength D. Amplitude
8	the distance between two consecutive trough or crest is called:	A. wavelength<o:p></o:p> B. frequency<o:p></o:p> C. time period<o:p></o:p> D. amplitude<o:p></o:p>
9	The speed of sound in air at 0 ^{o}C is:	A. 331 ms⁻¹ B. 332 ms⁻¹ C. 333 ms⁻¹ D. 336 ms⁻¹
10	The speed of sound was accurately measured in:	A. 1736 B. 1737 C. 1738

		C. 1738 D. 1739
11	Which component is output device of computer:	A. CPU<o:p></o:p> B. C.D<o:p></o:p> C. Keyboard<o:p></o:p> D. Monitor<o:p></o:p>
12	1 MB =	A. 1022KB<o:p></o:p> B. 1023KB<o:p></o:p> C. 1024KB<o:p></o:p> D. 1025KB<o:p></o:p>
13	At extreme position potential energy of the pendulum is:	A. Maximum<o:p></o:p> B. Minimum<o:p></o:p> C. Both a and b<o:p></o:p> D. Zero<o:p></o:p>
14	Pitch of sound depends upon:	A. Frequency B. Amplitude C. Intensity D. Time period
15	The unit of intensity of sound:	A. wm⁻¹ B. wm C. wm⁻² D. wm⁻³
16	When frequency of sound wave is increased, which of the following decreases? i) Wavelength ii) Period iii) Amplitude	A. i only B. (iii) only C. i and ii only D. i and iii only
17	The ration of external force applied on the spring to displacement is called:	A. Hooke's law<o:p></o:p> B. Constant<o:p></o:p> C. Spring constant<o:p></o:p> D. Force<o:p></o:p>
18	The sound waves are the example of:	A. Longitudinal waves<o:p></o:p> B. Transverse waves<o:p></o:p> C. Electromagnetic waves<o:p></o:p> D. x-rays<o:p></o:p>
19	The maximum displacement from mean position is called:	A. Maximum height<o:p></o:p> B. Time period<o:p></o:p> C. Amplitude<o:p></o:p> D. Interval<o:p></o:p>
20	Old people can not hear sound above then _____ Hz	A. 1000 B. 15000 C. 20000 D. 10000