Waves Physics solved MCQs Questions answers

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Hopefully, this list of 12 solved MCQs of waves physics will help you in your test.

- 1. The particles of the medium vibrate in longitudinal waves ...
- (a) perpendicular to the direction of the wave motion
- (b) Along the direction of wave motion
- (c) Opposite to the direction of the wave motion
- (d) Do not vibrate at all
- (e) None of these

Answer: (b)

- 2. The particle of the medium vibrates in the transverse wave ...
- (a) At a right angle to the direction of wave motion
- (b) Along the direction of wave motion
- (c) Do not vibrate at all
- (d) Opposite to the direction of wave motion
- (e) None of these
- (f) All of these

Answer: (a)

- 3. What does wave transmit from one place to others?
- (a) Amplitude
- (b) Wavelength
- (c) Mass
- (d) Energy
- (e)All of these
- (f) None of these

Answer: (d)

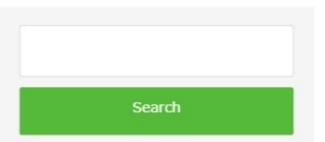
- 4. The waves in which particle of the medium vibrate at a right angle to the direction of waves motion is known as
- (a)electromagnetic waves
- (b)Longitudinal waves
- (c)Transverse waves
- (d)Compressional waves
- (e)All of these
- (f)None of these

Answer: (c)

- 5. The waves in which particles of the medium vibrate in the direction of the waves motion are called
- (a)Stationary waves
- (b)Longitudinal waves
- (c)Transverse waves
- (d)Mechanical waves
- (e)All of these
- (f)None of these

Answer: (b)

- 6.Representation of mechanical waves is
- (a)Sound
- (b)Heat
- (c)Light



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(d)Compressional waves
(e)All of these
(f) None of these
Answer: (a)
7. The waves in which material medium is required for their propagation are known as
(a)Matter waves
(b)Mechanical waves
(c)Electromagnetic waves
(d)Carrier waves
(e)All of these
(f)None of these
Answer: (b)
8. Water waves are
(a)Longitudinal Waves
(b)Transverse waves
(c)Electromagnetic waves
(d)Stationary waves
(e)All of these
(f)None of these
(i) it the strained of the second
Answer: (b)
9. There is a ripple tank which is used to study the various forms of?
(a)Gases
(b)Wave phenomenon
(c)Solid
(d)Liquid
(e)All of these
(f)None of these
Answer: (b)
10. The Florgation's and «Compressions are formed in
10. The Elongation's and cCompressions are formed in
(a)Stationary waves
(b)Complex waves
(c)Longitudinal waves
(d)Transverse waves
(e)All of these
(f)None of these
Answer: (c)
11. Which are mechanical waves?
(a)Carry energy but do not need a medium
(b)Need medium but do not carry energy from one place to another
(c)Do not need a medium
(d)Need medium
(e)All of these
(f)None of these
Answer: (d)
12. Energy becomes when the amplitude of wave becomes
(a)Four-time
(b)Double
(c)One half
(d)Nine-time
(e)All of these
(f)None of these
(i)Holic of diese
Answer: (a)
13. The distance between two consecutive troughs or crests is known as
(a)Phase Difference

Solved

(e)All of (f)None	these of these
Answer:	(c)
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(b)Period

(c)wave_length (d)Frequency

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