## Waves and Oscillation MCQs

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## Waves and Oscillation MCQs

- 1.Over-damping(gradual reduction of excessive oscillation) is because of...
- A. arrhythmic return to equilibrium
- B. faster return to equilibrium
- C. equilibrium is never achieved
- D. slower return to equilibrium
- ☐ Answer Click Here:

С

- 2. Natural frequency of a guitar string can be changed by changing it's
- A. stiffness
- B. area
- C. diameter
- D. length
- ☐ Answer Click Here:

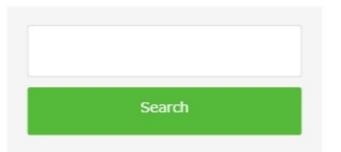
D

- 3. In S.H.M(Simple Harmonic Motion) velocity at equilibrium position is
- A. minimum
- B. constant
- C. zero
- D. maximum

Answer - Click Here:

D

- 4. Maximum displacement from equilibrium position is
- A. Frequency
- B. Amplitude
- C. Wavelength
- D. Period
- ☐ Answer Click Here:



## **MCQS**

- MCQs Database Systems
- MCQs Computer Network
- MCQs Data Structures
- MCQs-Computer Science Basics
- MCQs Computer Science
- MCQs English
- MCQs Biology
- MCQs Everyday Science
- MCQs General Knowledge
- MCQs Islamic studies
- MCQs Maths
- MCQs Physics
- MCQs Geography
- MCQs Economics
- MCQs Statistics
- MCQs Programming C Plus
- Plus
- MCQs Ethics
- MCQs Visual Programming
- MCQs Management Sciences
- MCQs Social Studies
- MCQs Communication skills
- MCQs General
- Engineering MCQs Homepage
- Psychology MCQs
- Philosophy Of Science

В
5. Which one of the given cannot receive the4 ultrasonic
A. Dolphin
B. Human Being
C. mouse
D. Rat
☐ Answer - Click Here:
В
6. A spring of force constant K is cut into two pieces such that one piece is double the length of the other. Then the longer piece3 will have a force constant of
A. 3/2K
B. 3K
C. 9K
D. 6K
☐ Answer - Click Here:
A
7.Displacement-time graph depicting(Represent by Drawing) an oscillatory motion is
A. cos curve
B. sine curve
C. tangent curve
D. straight line
☐ Answer - Click Here:
В
Maximum displacement(action of moving some thing) from equilibrium position is
A. frequency  B. wayolongth
B. wavelength C. period
D. amplitude
□ Answer - Click Here:
D
9. If time period of an oscillation is 0.40 s what will be it's frequency is
A. 2 Hz
B. 5 Hz

C. 3 Hz

D. 5 Hz
☐ Answer - Click Here:
В
10. In cars, springs are damped by
A. shock absorbers
B. engine
C. tyres
D. brake pedals
☐ Answer - Click Here:
A
11. Our eyes detect oscillations up to
A. 5 Hz
B. 9 Hz
C. 6 Hz
D. 8 Hz
☐ Answer - Click Here:
D
12. A force that acts to return mass to it's equilibrium position is called
A. frictional force
B. restoring force
C. normal force
D. contact force
☐ Answer - Click Here:
В



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