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**Worksheet – 1**

Multiple Choice Questions :

1. What is represented by ‘G’?

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| --- | --- |
| a) | b) |
| c) | d) |

1. When two bodies of mass 1 kg each are 1 m apart, the gravitational force of attraction between them is :

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| --- | --- | --- | --- |
| a) | b) | c) | d) |

**Answers**

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Problem For Practice :

**Based on Frequency , Time period , Wavelength and velocity of Sound Waves :**

1. A force of 5 N is acting on an object. The object is displaced through 2 m in the direction of the force. If the force acts all through the displacement. Find the work done by the force.
2. A ball of mass 1 kg thrown upwards, reached a maximum height of 4 m. Calculate the work done by the force of gravity during the vertical displacement.
3. A porter lifts a luggage of 15 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage.