

## WORKSHEET BASED ON MODULE-2

1. Mass of an object is 10 kg. What is its weight on the earth? An object weighs 10 N when measured on the surface of the earth. What would be its weight when measured on the surface of the moon?
2. *What are the differences between the mass of an object and its weight?*
3. *Why is the weight of an object on the moon  $\frac{1}{6}$  th its weight on the earth?*
4. *Give any three difference between  $g$  and  $G$ .*
5. How does the value of  $g$  changes form pole to equator?
6. What is SI unit of weight?
7. What is the meaning of free fall?
8. Say about velocity and acceleration during free fall?