

INTERNATIONAL INDIAN SCHOOL BURAIDAH

Worksheet for the academic year 2023-2024

Class : 6th

Subject: Science

Date : 20/01/2024

Lesson: 10 – Motion and Measurement of Distances &

Lesson: 11– Light Shadows and Reflections

A. Fill in the blanks :

1. ___ objects do not allow light to pass through them.
2. Sun is a _____ object.
3. Images are different from _____ .
4. ___ objects allow light to pass through them partially.
5. Shadows are formed when ___ object comes in the path of light.
6. _____ objects do not cast any shadow.
7. _____ reflection gives us clear images.
8. _____ give us some information about shape of objects.
9. Cubit was a unit of measurement used in _____.
10. 1 metre = _____ cm
11. Motion in a straight line is called ___ motion.
12. _____ is the SI unit of length.
13. Motion of the blades of a fan is _____ motion.

B. Choose the correct option:

1. Motion that repeats itself after some period of time is called
a) circular motion b) rectilinear motion c) periodic motion
2. Motion of the hands of clock is an example of ___ motion.
a) periodic b) circular c) rotational
3. Object that emits its own light is ___ object.
a) opaque b) translucent c) luminous
4. Which is an example of transparent material?
a) glass b) wood c) butter paper
5. Stars are
a) non-luminous object b) luminous object c) opaque object

C. Answer the following questions:

1. What is the difference between luminous and non-luminous objects?
2. Define: a) Rest b) Unit c) Translucent object d) Hand span
3. What is motion? Explain the types of motion.
4. Can you think of creating a shape that would give a circular shadow if held in one way and a rectangular shadow if held in another way?
