



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 12.06.20

Duration: 40 min

Worksheet Solutions 36

Full Marks: 15

LIGHT/SPHERICAL MIRRORS

Choose the Correct options:

1 Mirrors having a curved reflecting surface are called as:

- a. plane mirror
- b. spherical mirrors**
- c. simple mirror
- d. none of the above

2 How many types of spherical mirrors?

- a. 2**
- b. 4
- c. 5
- d. 3

3 Spherical mirror with reflecting surface curved inwards is called

- a. convex mirror.
- b. concave mirror**
- c. curved mirror
- d. none of the above

4 Type of spherical mirror are:

- a. Concave
- b. Convex
- c. both A and B**
- d. none of the above

5 Pole lies on the surface of

- a. spherical mirrors**
- b. simple mirror
- c. plane mirror
- d. none of the above

6 Spherical mirror with reflecting surface curved outwards is called

- a. spherical mirror
- b. curved mirror
- c. convex mirror.**
- d. none of the above

7 The centre of a sphere of which the reflecting surface of a spherical mirror is a part is called

- a. Pole
- b. centre of curvature**
- c. Radius of Curvature
- d. Aperture

8 Centre of curvature is not a part of spherical mirror rather it lies the mirror

- a. boundary
- b. inside
- c.outside**
- d. none of the above

9 In the case of concave mirror centre of curvature lies in of the reflecting surface

- a. boundary
- b. inside
- c. outside
- d. front**

10 Spherical mirror with reflecting surface curved is called concave mirror.

- a. outwards
- b. inwards**
- c. backwards
- d. none of the above

11 The radius of a sphere; of which the reflecting surface of a spherical mirror is a part; is called the.....

- a. centre of curvature
- b. The radius of Curvature**
- c. Poled
- d. Aperture

12 Spherical mirror with a reflecting surface curved is called a convex mirror.

- a. inwards
- b. backwards
- c. outwards**
- d. none of the above

13 The diameter of the reflecting surface of a spherical mirror is called

- a. centre of curvature
- b. The radius of Curvature
- c. Pole
- d. Aperture**

14 The imaginary line passing through the centre of curvature and pole of a spherical mirror is called the

- a. Principal Axis**
- b. centre of curvature
- c. The radius of Curvature
- d. Pole

15 The distance from the pole to focus is called.....

- a. Pole
- b. Aperture
- c. Principal Axis
- d. focal length**