ST. LAWRENCE HIGH SCHOOL
A Jesuit Christian Minority Institution
ANSWER SHEET 4
CLASS –VI

F.M – 15
Date - 17.04.20

SUBJECT –ALGEB & GEOM   CHAPTER 22 – LINEAR SYMMETRY
TOPIC – REFLECTION

I. Multiple choice questions : (Select the correct option)   (15)

1. A figure and its image after reflection in the mirror line are symmetrical. This is called _____ symmetry.

a) reflective b) refractive   c) perpendicular d) none of these.

2. A reflection in a line produces a _____ image.

a) negative   b) old   **c) mirror** d) none of these.

3. The line of fold is called the_____ of symmetry.

a)   angle   b) circle   **c) axis** d) none of these.

4. A reflection in a line produces a mirror image. The image is the _____ size but it is a reflection of the original shape.

 a) same b) bigger   c) smaller d) none of these.

5. Mirror line is also called as the _____ line.

a) new   b) equal c) refraction **d) reflection** .

6. Reflection line is also called the line of _____.

a) radius   b) angle   c) distance   **d) symmetry**

7. Images are as far behind the _____ line as the objects are in front .

a) inverted b) angular **c) mirror** d) none of these.

8. Reflection line is found by using _____ lines.

a) perpendicular b) parallel   c) intersecting d) none of these.

9. The line of reflection is the perpendicular _____ of the line joining any point on the object and its image.

a) point **b) bisector** c) angle d) none of these.

10. A figure and its image after reflection in the mirror line are _____.

a) angular b) asymmetrical **c) symmetrical** d) none of these.

11. When a figure can be folded in half so that the two parts match exactly in shape and size, the figure is said to be_____.

a) unique b) normal c) horizontal **d) symmetrical.**

12. Which letter together with its mirror image will form the letter W ?

a) Z   b) A   c) S   **d) V** .

13. A _____ triangle has no lines of symmetry.

 a) scalene.   b) isosceles   c) equilateral   d) none of these.

14. Which letter together with its mirror image will form the letter O ?

a) Z   b) A   c) S   **d) C** .

15. Which of the following letters does not have a vertical line of symmetry ?

a) M   b) H   **c) E**   d) V

By – U. James Riju.