



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**Sub: Algebra and Geometry**

**Class: 7**

**Date: 28.11.20**

**Duration: 40 min**

**Worksheet 07**

**Full Marks: 15**

**Polygon**

**Choose the Correct options:**

- 1) A simple closed figure separates the plane into \_\_\_\_\_ regions.  
(a) one (b) two (c) three (d) None of these
- 2) A figure is one whose all points lie in the same plane are called  
(a) plane (b) convex (c) Non convex (d) None of these
- 3) All figures drawn are plane since all points lie in the.  
(a) same plane (b) different plane (c) None of these
- 4) A simple closed plane figure bounded by line segments are called.  
(a) plane figure (b) polygon (c) boundary (d) None of these
- 5) The line segments are called  
(a) boundary (b) sides (c) Area (d) None of these
- 6) Each end-point of a side is called a  
(a) vertex (b) boundary (c) side (d) None of these
- 7) A polygon bounded by line segments is called  
(a) simple closed plane figure (b) boundary (c) vertex (d) None of these
- 8) If two sides have a common end point are called  
(a) sides (b) adjacent sides (c) diagonal (d) None of these
- 9) A line joining the non consecutive vertices of a polygon is called  
(a) diagonal (b) sides (c) None of these (d) vertex
- 10) A polygon is named by using its

(a) vertices (b) boundary (c) diagonal (d) None of these

11) The measure of each interior angle is less than  $180^\circ$  is called a polygon.

(a) concave (b) convex (c) Diagonal (d) None of these

12) If a polygon has at least interior angle with a measure greater than  $180^\circ$  the polygon is

(a) convex (b) concave (c) Diagonal (d) None of these

13) A regular polygon is always.

(a) convex (b) concave (c) None of these (d) Diagonal

14) If any part of a diagonal contains points in the exterior of the polygon is

(a) concave (b) convex (c) None of these (d) Diagonal

15) A polygon have 6 sides are called

(a) pentagon (b) triangle (c) Hexagon (d) polygon