

## CHAPTER-2 | Lines and Angles

### QUIZ PART-01

1. A point is defined as:  
A. A figure with length  
B. A figure with width  
C. A specific location with no size  
D. A figure with height (C)

**Explanation:** A point determines a specific location but has no length, width, or height.

2. The shortest distance between two points is called a:  
A. Line  
B. Line Segment  
C. Ray  
D. Angle (B)

**Explanation:** The line segment is the shortest distance between two points.

3. Points in a figure are denoted by:  
A. Capital letters  
B. Small letters  
C. Numbers  
D. Special symbols (A)

**Explanation:** Points are denoted by capital letters of the English alphabet, such as A, B, C.

4. The figure below shows a line segment. Which of the following labels represent the endpoints?  
A. A, B  
B. B, C  
C. A, C  
D. B, D (A)

**Explanation:** The endpoints of a line segment are the points at both ends. In this case, A and B are the endpoints.

5. A line that extends in one direction and has one endpoint is called a:  
A. Line Segment  
B. Ray  
C. Line  
D. Angle (B)

**Explanation:** A ray has one endpoint and extends infinitely in one direction.

6. Which of these is not part of a line segment?  
A. A starting point  
B. An endpoint  
C. It has a direction  
D. A specific length (C)

**Explanation:** A line segment has a specific length and two endpoints, not a direction.

7. In the diagram below, which points are collinear?  
A. A, B, C  
B. A, C, D  
C. B, D, E  
D. A, B, E (A)

**Explanation:** Collinear points lie on the same straight line. In this case, points A, B, C are collinear.

8. A line has:  
A. Length and width  
B. Length and no width  
C. No length or width  
D. Only width (B)

**Explanation:** A line extends infinitely in both directions and has length but no width.

9. A line segment can be labeled using:  
A. Two letters  
B. One letter  
C. Three letters  
D. Any symbol (A)

**Explanation:** A line segment is typically labeled using two capital letters representing its endpoints, such as AB.

10. What is the name of the figure that has two endpoints and extends in between?  
A. Line  
B. Line segment  
C. Ray  
D. Angle (B)

**Explanation:** A line segment is a straight path that has two endpoints.