



ST. MARY'S CO-ED SCHOOL, HARDA

[2020-21]

CLASS- VI

SUBJECT- MATHS

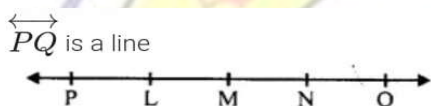
CHAPTER- 11

Line Segment, Ray and Line.

EXERCISE- 11 'A'

Q.8

Solution:-



- (i) False, as M does not lie on $\overrightarrow{NQ}$
- (ii) True
- (iii) True
- (iv) True
- (v) True

Q.9 Write T for true and F for false in each of the following statement:

1. Every point has a size. **False**
2. A line segment has no length. **False**
3. Every ray has a definite length. **False**
4. The ray AB is the same as the ray BA. **False**
5. The line segment AB is the same as the line segment BA. **True**
6. The line AB is the same as the line BA. **True**
7. Two points A and B in a plane determine a unique line segment. **True**
8. Two intersecting lines intersect at a point. **True.**
9. Two intersecting planes intersect at a point. **False**

10. If points A, B, C are collinear and points C, D, E are collinear then the points A, B, C, D, E are collinear. **False**

11. One and only one ray can be drawn with a given end point. **False**

12. One and only one line can be drawn to pass through two given points. **True**

13. An unlimited number of lines can be drawn to pass through a given point. **True**

Q.10 Fill in the blanks.

1. A line segment has a _____ length.

Ans :- definite

2. A ray has _____ end point.

Ans:- One

3. A line has _____ end point.

Ans:- No

4. A ray has no _____ length.

Ans:- Definite

5. A line _____ be drawn on a paper.

Ans:- Cannot

EXERCISE – 11'B'

Question 1.

Solution:-

(c) a line

Question 2.

Solution:-

(b) a ray

Question 3.

Solution:-

(a) a line segment

Question 4.

Solution:-

(b) a line segment

Question 5.

Solution:-

(b) a line segment

Question 6.

Solution:-

(d) unlimited number

Question 7.

Solution:-

(a) one only

Question 8.

Solution:-

(c) in a line.

Question 9.

Solution:-

(a) at a point.

Question 10.

Solution:-

(a) exactly one line segment.

Question 11.

Solution:-

(d) 0.

Question 12.

Solution:-

(d) 3.

Question 13.

Solution:-

(c) Every line segment has a definite length.

Question 14.

Solution:-

(b) Ray AB is the same as Ray BA

Question 15.

Solution:-

(c) An unlimited number.

