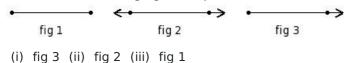
Name : Line Concepts

Chapter: Measures of Lines and Angles

Grade: SSC Grade VI

License: Non Commercial Use

1. Which of the following figures represent a line?



2. Which of the following figures represent a ray?

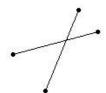


3. Which of the following figures represent a line segment?



- 4. Points lying on the same line are called
  - (i) semi-linear points (ii) concurrent points (iii) linear points (iv) non-linear points (v) collinear points
  - 5. Multiple lines drawn on a plane are called
    - (i) concurrent lines (ii) intersecting lines (iii) coplanar lines (iv) parallel lines (v) perpendicular lines
  - 6. Multiple lines which do not meet each other are called
    - (i) perpendicular lines (ii) parallel lines (iii) coplanar lines (iv) intersecting lines (v) concurrent lines
  - 7. Multiple lines which pass through the same point are called
    - (i) concurrent lines (ii) intersecting lines (iii) perpendicular lines (iv) parallel lines (v) coplanar lines
  - 8. A line that intersects two lines at two different points is called
    - (i) coplanar lines (ii) perpendicular lines (iii) transversal (iv) parallel lines (v) concurrent lines
  - 9. Two lines meeting at a point and making an angle of 90° at the meeting point are called
    - (i) perpendicular lines (ii) coplanar lines (iii) parallel lines (iv) intersecting lines (v) concurrent lines
  - 10. The representation  $\overrightarrow{KL}$  indicates
    - (i) ray (ii) angle (iii) line (iv) line segment (v) arc
  - 11. The representation  $\overline{\mathsf{EF}}$  indicates
    - (i) line segment (ii) angle (iii) arc (iv) line (v) ray
- 12. The representation  $\overrightarrow{CD}$  indicates
  - (i) line segment (ii) angle (iii) line (iv) ray (v) arc

# 13. The following lines represent



(i) coplanar lines (ii) perpendicular lines (iii) concurrent lines (iv) parallel lines (v) intersecting lines

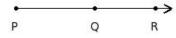
# 14. Consider the following figure $\overrightarrow{HV}$ . State which of the following statements are true?

- a) H,V are end points of line segment  $\overline{\text{HV}}$
- b) H,V are end points of line segment  $\overline{\text{UN}}$
- c) H,U,Y,V,N are points on the line  $\overrightarrow{HV}$
- d) Y,N are end points of line segment  $\overline{\text{NH}}$
- e) H,V are points on the line segment  $\overline{\text{UN}}$



(i)  $\{d,c,a\}$  (ii)  $\{d,c\}$  (iii)  $\{b,a\}$  (iv)  $\{a,c\}$  (v)  $\{e,b,a\}$ 

## 15. In the figure below, if PQ = 9.60 cm and QR = 7.40 cm, find PR = ?



(i) 16.00 cm (ii) 17.00 cm (iii) 19.00 cm (iv) 15.00 cm (v) 18.00 cm

### 16. The following lines represent



(i) intersecting lines (ii) parallel lines (iii) perpendicular lines (iv) concurrent lines (v) coplanar lines

### 17. The following lines represent



(i) concurrent lines (ii) parallel lines (iii) coplanar lines (iv) intersecting lines (v) perpendicular lines

Assignment Key						
1) (ii)	2) (ii)	3) (i)	4) (v)	5) (iii)	6) (ii)	
7) (i)	8) (iii)	9) (i)	10) (iii)	11) (i)	12) (iv)	
13) (v)	14) (iv)	15) (ii)	16) (ii)	17) (v)		

Copyright © Small Systems Computing Pvt. Ltd.