



1. Points lying on the same line are called

- (i) linear points (ii) concurrent points (iii) semi-linear points (iv) collinear points (v) non-linear points

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



- (i) fig 2 (ii) fig 1 (iii) fig 3

3. The following lines represent



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

4. The representation \overleftrightarrow{AB} indicates

- (i) line (ii) line segment (iii) ray (iv) angle (v) arc

5. Which of the following are true?

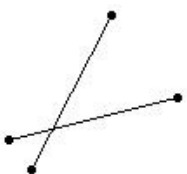
- a) If two lines have infinite common points, then the two lines are concurrent
- b) If two lines have no common point, then the lines are parallel
- c) A straight line meets another straight line at atmost one point
- d) Only one straight line can be drawn between any two points
- e) If a line cuts another line at more than one point, then one of the line is curved

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

6. The representation \overline{KL} indicates

- (i) arc (ii) angle (iii) line (iv) ray (v) line segment

7. The following lines represent



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

8. Multiple lines which do not meet each other are called

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

9. Which of the following are true?

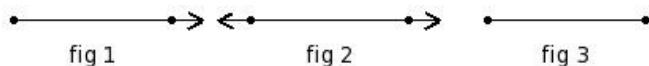
- a) The length of a line segment cannot be determined
- b) Capital letters are used to represent points
- c) A ray has an infinite number of points on it
- d) A line has an infinite number of points on it
- e) Small letters are used to represent lines

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

10. Multiple lines which do not meet each other are called

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

11. Which of the following figures represent a ray?



- (i) fig 3 (ii) fig 1 (iii) fig 2

12. The representation \overline{FG} indicates

- (i) line segment (ii) line (iii) ray (iv) angle (v) arc

13. The representation \overleftrightarrow{GH} indicates

- (i) line (ii) angle (iii) ray (iv) arc (v) line segment

14. Identify the figure below

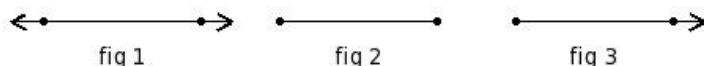


- (i) line (ii) triangle (iii) pentagon (iv) hexagon (v) nonagon

15. Multiple lines drawn on a plane are called

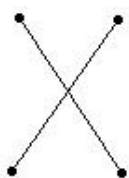
- (i) perpendicular lines (ii) concurrent lines (iii) coplanar lines (iv) intersecting lines (v) parallel lines

16. Which of the following figures represent a line?



- (i) fig 1 (ii) fig 2 (iii) fig 3

17. The following lines represent



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

18. The representation \overrightarrow{MN} indicates

- (i) line segment (ii) ray (iii) angle (iv) line (v) arc

19. Consider the following figure \overleftrightarrow{HJ} . State which of the following statements are true?

a) U,D are end points of line segment

\overline{DH}

b) H,X,U,J,D are points on the line

\overleftrightarrow{HJ}

c) H,J are end points of line segment

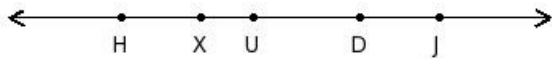
\overline{XD}

d) H,J are end points of line segment

\overline{HJ}

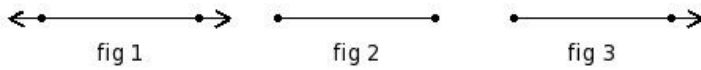
e) H,J are points on the line segment

\overline{XD}



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

20. Which of the following figures represent a line?



- (i) fig 3 (ii) fig 1 (iii) fig 2

21. Consider the following figure \overleftrightarrow{EZ} . State which of the following statements are true?

a) E,Z are end points of line segment

\overline{YO}

b) E,Z are end points of line segment

\overline{EZ}

c) P,O are end points of line segment

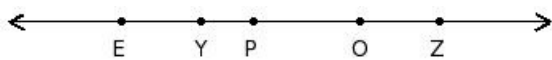
\overline{OE}

d) E,Y,P,Z,O are points on the line

\overleftrightarrow{EZ}

e) E,Z are points on the line segment

\overline{YO}



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

22. Which of the following are true?

a) The length of a line segment cannot be determined

b) Capital letters are used to represent points

c) A line has an infinite number of points on it

d) Small letters are used to represent lines

e) A ray has an infinite number of points on it

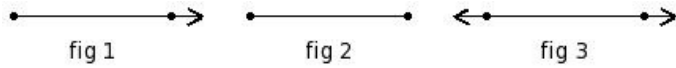
- (i) {a,c} (ii) {a,d} (iii) {a,e,b} (iv) {b,c,d,e} (v) {a,b}

23. Which of the following are true?

- a) A straight line meets another straight line at atmost one point
- b) If two lines have infinite common points, then the two lines are concurrent
- c) Only one straight line can be drawn between any two points
- d) If a line cuts another line at more than one point, then one of the line is curved
- e) If two lines have no common point, then the lines are parallel

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

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



(i) fig 1 (ii) fig 3 (iii) fig 2

25. Multiple lines which pass through the same point are called

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

Assignment Key

1) (iv)	2) (i)	3) (ii)	4) (i)	5) (i)	6) (v)
7) (iv)	8) (ii)	9) (iv)	10) (ii)	11) (ii)	12) (iii)
13) (i)	14) (i)	15) (iii)	16) (i)	17) (iii)	18) (ii)
19) (iii)	20) (ii)	21) (ii)	22) (iv)	23) (iv)	24) (iii)
25) (iii)					