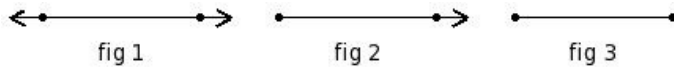


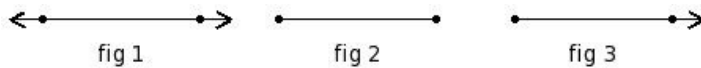


1. Which of the following figures represent a line?



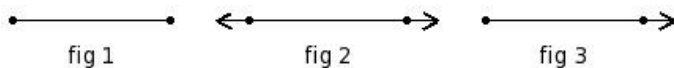
(i) fig 2 (ii) fig 3 (iii) fig 1

2. Which of the following figures represent a ray?



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

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



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

4. Points lying on the same line are called

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

5. Every simple closed curve divides a plane into how many sets of points?

(i) 4 (ii) 2 (iii) 3 (iv) 0 (v) 6

6. Identify the figure below



(i) hexagon (ii) line (iii) pentagon (iv) decagon (v) triangle

7. Multiple lines drawn on a plane are called

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

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

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

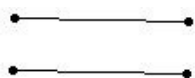
9. Multiple lines which pass through the same point are called

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

10. A line that intersects two lines at two different points is called

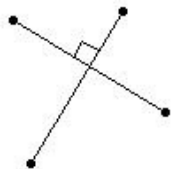
(i) perpendicular lines (ii) concurrent lines (iii) parallel lines (iv) coplanar lines (v) transversal

11. The following lines represent



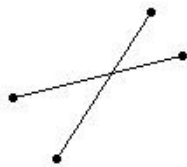
(i) perpendicular lines (ii) parallel lines (iii) concurrent lines (iv) coplanar lines (v) intersecting lines

12. The following lines represent



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

13. The following lines represent



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

14. Two lines meeting at a point and making an angle of 90° at the meeting point are called

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

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

a) Y,X are end points of line segment

\overline{FD}

b) Y,X are points on the line segment

\overline{FD}

c) Y,X are end points of line segment

\overline{YX}

d) Y,F,K,X,D are points on the line

\overleftrightarrow{YX}

e) K,D are end points of line segment

\overline{DY}



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

16. The representation \overrightarrow{JK} indicates

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

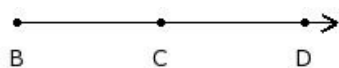
17. The representation \overline{CD} indicates

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

18. The representation \overrightarrow{CD} indicates

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

19. In the figure below, if $BC = 8.80$ cm and $CD = 8.80$ cm, find $BD = ?$



- (i) 16.60 cm (ii) 17.60 cm (iii) 15.60 cm (iv) 19.60 cm (v) 18.60 cm

20. Which of the following are true?

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

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

21. Which of the following are true?

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

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

22. Which of the following are true?

- a) If two lines are parallel to the same line, then they are parallel to each other
- b) If two lines are parallel to the same line, then they are perpendicular to each other
- c) If $h \parallel i$ and $i \parallel j$, then $h \parallel j$
- d) If $h \perp i$ and $h \perp j$, then $i \perp j$
- e) If $h \perp i$ and $i \perp j$, then $h \perp j$

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

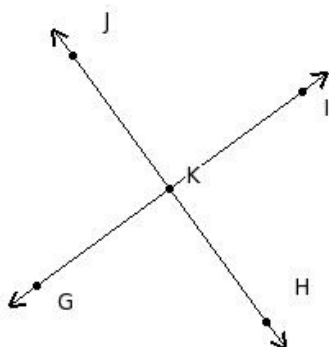
23. Which of the following are true with respect to lines e, f, g, h where $e \parallel f, f \perp g, g \perp h$?

- a) $e \parallel h$
- b) $e \parallel g$
- c) $e \perp h$
- d) $g \parallel h$
- e) $f \parallel h$

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

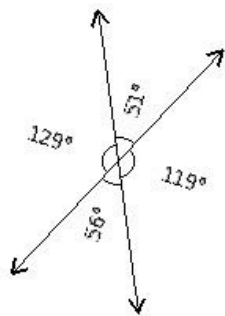
24. Which of the following points are collinear?

- a) J,K,H
- b) H,K,I
- c) G,K,I
- d) I,K,J
- e) K,J,I

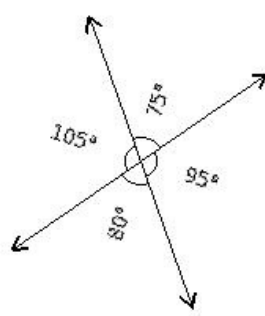


(i) {b,a} (ii) {d,c,a} (iii) {a,c} (iv) {d,c} (v) {e,b,a}

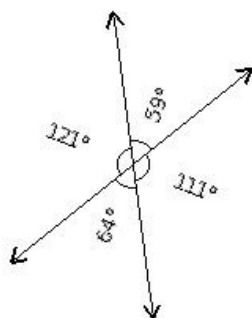
25. Which of the given figures is correct?



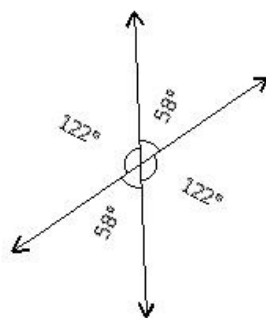
I



II



III



IV

(i) IV (ii) II (iii) I (iv) III

Assignment Key

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