INTRODUCTION OF EUCLIDS GEOMETRY

SOME BASIC DEFINITION OF EUCLID GEOMETRY

EXERCISE

Q.1. How many lines can pass through :

(i) one point (ii) two distinct points

Q.2 Axioms or postulates are the ..... which are obvious universal truths.

Q.3 If equals are added to ....., the wholes are equal.

Q.4 If equals are subtracted from equals the ..... are equal.

Q.5 All ..... angles are equal to one another.

Q.6 There are ..... line (s) which pass through two distinct points.

Q.7 Two distinct lines can not have more than..... point in common.

Q.8 A ..... is that which has no part.

Q.9 The ..... of a line are .....

Q.10 The whole is ..... the part.

Q.11 Things which are ..... of the same things are equal to one another.

Q. 12 The assumptions that were specific to geometry are called .....

Q.13 Two distinct intersecting lines cannot be ..... to the same line.

ANSWER KEY

1. (i) Infinite (ii) Only one
2. assumptions
3. equals
4. remainders
5. right
6. one
7. one
8. point
9. ends, points
10. greater than
11. halves or double
12. postulate
13. parallel