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Section A 1 mark each

- Q.1 The number of dimensions, a solid has :
- (a) 1 (b) 2 (c) 3 (d) 0
- Q.2 A pyramid is a solid figure, the base of which is
- (a) Only a triangle (b) only a square
- (c) only a rectangle (d) any polygon.
- Q.3 The number of lines passing through four distinct collinear points, is
- (a) 3 (b) infinitely many (c) 1 (d) None of these
- Q.4 In geometry, there are Undefined term/terms.
- (a) 1 (b) 2 (c) 3 (d) 4
- Q.5 In ancient india, the shapes of altars used for house hold rituals were :
- (a) Squares and circles (b) Triangles and rectangles
- (c) Trapeziums and pyramids (d) Rectangles and squares.
- Q.6 Greek's emphasised on :
- (a) Inductive reasoning (b) Deductive reasoning
- (c) Both (a) and (b) (d) practical use of geometry.

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- Q.7 Which of the following needs a proof ?
- (a) Theorem (b) Axiom (c) Definition (d) Postulate.
- Q.8 The number of dimensions, a point has :
- (a) 0 (b) 1 (c) 2 (d) 3.
- Q.9 Boundaries of surfaces are:
- (a) Surfaces (b) Curves (c) Lines (d) Points.
- Q.10 In ancient India, Altars with combination of shapes like rectangles, triangles and trapeziums were used for :
- (a) Public worship (b) Household rituals
- (c) Both (a) and (b) (d) None of these

Section B 2 marks each

- Q.11 Write Euclid's Postulate.

Section C 3 marks each

- Q.12 Show that two lines which are both parallel to the same line, are parallel to each other.

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