



In The Service of Student Community

MM 10

Introduction to Euclid's Geometry

Time 25 Minutes

Section A 1 Mark Each

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- Things which are halves of same thing are
(A) Equal (B) halves of same thing
(C) unequal (D) double of the same thing
- The number of dimension, a solid has
(A) 1 (B) 2 (C) 3 (D) 0
- The number of dimension, a line has
(A) 0 (B) 1 (C) (2) (D) (3)
- If the point P lies in between A and B and C is mid- point AP then
(A) $AC+PB = AB$ (B) $AP+CP= AB$ (C) $AC+CB= AB$ (D) $CP+CB=AB$
- If a straight line falling on two straight lines makes the interior angles on the same side of it, whose sum is 120° , then the two straight lines, if produced indefinitely, meet on the side on which the sum of angles is
(A) $> 120^\circ$ (B) $< 120^\circ$ (C) $= 120^\circ$ (D) None of these
- Boundaries of surface are:
(A) Surfaces (B) curves (C) points (D) lines
- The number of interwoven isosceles triangles in Sriyantra is:
(A) 7 (B) 8 (C) 9 (D) 11

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8. _____ is credited with giving the first known proof.
(A) Thales (B) Euclid (C) Pythagoras (D) None of these

Section B 2 Marks Each

9. Does Euclid's fifth postulate imply the existence of parallel lines? Explain.

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