

# Mathematics (Basic)

## SET - 3

430/4/3

### Section - A

1. a) 183 b)  $4\sqrt{5}$  &  $5\sqrt{5}$  OR  $\sqrt{80}$  &  $\sqrt{125}$
2. 6.5 cm
3. 120
4. a)  $2992/7$  cm<sup>2</sup> OR 427.43 cm<sup>2</sup> b) 7 cm
5.  $x = -1/4$  &  $x = -3/2$
6. 6.167

### Section B

7. Construction
8. a)  $p = -16$  &  $x = 5$   
b)  $l = 25$  cm &  $b = 10$  cm
9. 5, 11, 17, ...
10. 86.5 m

### Section C

11. 73.2 m
12. a) To Prove b) To Prove

### Section D

13. a) Median Distance = 138.57 km  
b) 146 km
14. a) 1617000 cm<sup>3</sup>  
b) 3:2

Mathematics (Basic)

SET - 2

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Coming Soon

Mathematics (Basic)

SET - 1

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Coming Soon