

**SUBJECT: MATHEMATICS CLASS : VII**

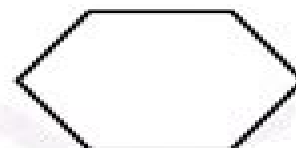
**MAX. MARKS : 80  
DURATION : 3 HRS**

## General Instructions:

- (i). All questions are compulsory.
- (ii). This question paper contains 30 questions divided into four Sections A, B, C and D.
- (iii). Section A comprises of 6 questions of 1 mark each. Section B comprises of 6 questions of 2 marks each. Section C comprises of 10 questions of 3 marks each and Section D comprises of 8 questions of 4 marks each.
- (iv). Use of Calculators is not permitted

### SECTION – A

1. Find the number of lines of symmetry in the given figure:
2. If  $p = 2$ , find the value of  $p^2 - 2p - 100$ .
3. What is the circumference of a circular disc of radius 14 cm?
4. Two dice are placed side by side with  $5 + 2$ , what is the total on the face opposite to the given numbers.
5. Express 3125 using exponential notation.
6. Express 540 as a product of powers of prime factors



### SECTION – B

7. State the number of lines of symmetry for the following figures:  
(a) A square (b) A rectangle
8. The perimeter of a rectangle is 130 cm. If the breadth of the rectangle is 30 cm, find its length. Also find the area of the rectangle.
9. The population of a city decreased from 25,000 to 24,500. Find the percentage decrease.
10. Expand by expressing powers of 10 in the exponential form: (i) 172 (ii) 5,643
11. What cross-sections do you get when you give a (i) vertical cut (ii) horizontal cut to the following solids? (a) A die (d) A circular pipe
12. Two dice are placed side by side as shown in below figure. What the total would be on the face opposite to (a)  $6 + 2$  (b)  $3 + 5$



# Maths Test Papers For Class 7

**R Bogdan**



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