|  |  |  |  |
| --- | --- | --- | --- |
| 1 | Select three figures out of the following  figures which when fitted into each other would form a square. | (A) 1, 2, 4  (B) 1, 2, 5  (C) 5, 3, 1  (D) 2, 3, 4 | B |
| 2 | Which of the following polymer, not having C – C bond formation during polymerization.  In elementary algebra, the **quadratic formula** is the solution of the quadratic equation.  **Water is made from two elements** - Hydrogen and Oxygen. If you put the two gases together, along with energy, you can make water.  The entire formula for the surface area of a cylinder is 2πr2+2πrh  (1) (2) (4) Natural Rubber (4) Terylene | (A) 1  (B) 2  (C) 3  (D) 4 | A |
| 3 | (1)  (2)  (3)  (4) | (A) 1  (B) 2  (C) 3  (D) 4 | A |
| 4 | If  and, then  is polynomial of degree | (A) figure A  (B) figure B  (C) figure C  (D)figure D | D |
| 5 | Which of the following series of figures follows the given rule?  Rule: As the square decreases in size, its parts increase in number. | (A) 1  (B) 2  (C) 3  (D) 4 | C |