

MAA MANGLA COACHING INSTITUTE

MANGLA BHAWAN MARANPUR GAYA

CLASS – VII

MATHEMATICS

F.M- 50

Each question carry 5 marks :

1. Heena's father paid an electric bill of Rs 385.70 out of a 500 rupee note. How much change should he have received?
2. 1 subtracted from one third of a number gives 1. Find the number
3. Express 648 in exponential notation.
4. If 12 shirts of equal size can be prepared from 27 m cloth, what is the length of cloth required for each shirt?
5. Subtract $9a^2 - 15a + 3$ from unity.
6. From the sum of $x^2 - y^2 - 1$, $y^2 - x^2 - 1$ and $1 - x^2 - y^2$ subtract $-(1 + y^2)$
7. If $P = -(X - 2)$, $Q = -2(y + 1)$ and $R = -X + 2y$, find a, when $P + Q + R = ax$.
8. After 20 years, Manoj will be 5 times as old as he is now. Find his present age.
9. What is to be subtracted from 8.1 to get 0.813?
10. By what number should $6\frac{2}{9}$ be multiplied to get 40 ?