ASSIGNMENT NO. 5

 CHAPTER- PRACTICAL GEOMETRY

CLASS- VII SUBJECT- MATHS

Q1.Construct a triangle PQR such that PQ= 5.6 cm, QR = 4.7 cm and PR = 3.4 cm .

Q2. Construct an isosceles triangle in which length of each equal side is 5.5 cm and the angel

 between them is 800

Q3. Construct a triangle ABC such that BC = 3.2 cm, <B = 900 and hypotenuse AC = 5.8 cm by

 Using ruler and compass only.

Q4. Construct a triangle XYZ if it is given that XY = 6cm , <X = 300 and <Y = 1000

Q5. Construct a triangle LMN such that length of each side is 5.3 cm. Name the triangle.

Q6. Construct a triangle PQR given that PQ = 5.4 cm, QR = PR = 4.7 cm . Name the triangle.

Q7. Construct a triangle ABC such that AB= 2.5 cm , BC = 6 cm and AC = 6.5 cm. Measure

 <ABC and name the triangle.

Q8. Construct a triangle ABC such that AB = 4.1 cm , <B = 900 and hypotenuse AC = 5.2 cm.

Q9. Construct a triangle ABC given that m<A = 600 , m<B = 300 and AB = 5.8 cm by using ruler

 and compass only.

Q10. Draw a triangle PQR with PQ = 5cm , QR = 3.5 cm and PR = 5cm. What type of triangle

 is this ?

Q11. Construct a triangle ABC if it is given that AB = 6cm , m<CAB = 300 and <ABC = 1000

Q12. Construct a right angled triangle LMN, right angled at M, given that LN = 5 cm and

 MN = 3cm.

Q13. Construct a triangle ABC such that m<A = 700 and m<B = 500 and AC = 3cm.