

### ANSWERS for Worksheet-3

Qn:1)

- Steps:1) Make a rough sketch for your reference  
2) Draw a line segment  $BC = 5$  cm  
3) With B as centre, draw an arc of radius 4.5 cm  
4) With C as centre, draw an arc of radius 6 cm and cut the previous arc  
5) Mark the point of intersection of arcs as A. Join AB and AC.  
6)  $\triangle ABC$  is now ready

Qn: 2)

- Steps: 1) Make a rough sketch for your reference  
2) Draw a line segment  $QR = 7.5$  cm  
3) At Q, draw  $QX$  making  $60^{\circ}$  with QR  
4) With Q as centre, draw an arc of radius 5 cm. It cuts QX at P.  
5) Join AB.  
6)  $\triangle PQR$  is now ready

### MCQ

Qn	Ans	Qn	Ans
01	d	06	a
02	c	07	d
03	d	08	c
04	d	09	a
05	a	10	c

BY G.L. KUMAR, TGT(SS), AECS-MNGR