



b) Draw free hand sketch showing three views of a hexagonal nut. (3)

Q5) Figure 2 shows front view and right hand side view of an object. Draw

i) Sectional front view along section plane A-A (4)

ii) Sectional side view along section plane B-B (4)

iii) Top view. (5)

Dimension the views (2)

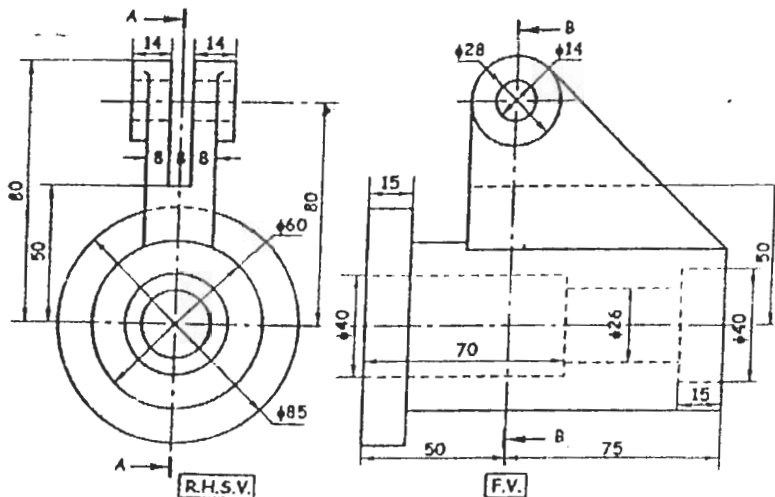


Figure 2

Q6 a) Two fixed points are 100 mm apart. A point P moves in such a way that the sum of its distances from the two fixed points is always a constant and equal to 150 mm. Trace the path of the point and name the curve. (10)

b) Draw free hand sketches of the following:-

i) Conventional representation of internal and external threads when sectioned (2)

ii) Acme thread profile (1)

iii) Two views of head of any one set screw with its appropriate name. (2)

Q7) Figure 3 shows two views of an object. Draw isometric view of the object. (15)

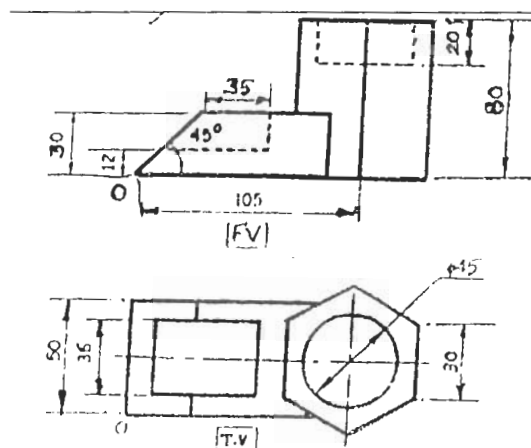


Figure 3