



University of Technology  
Chemical Engineering Department



Subject: Eng. drawing

Branch: Both

Examiner :fadhl H.& fadhe

Final Examination

2015/2016

first attempt

Class: first

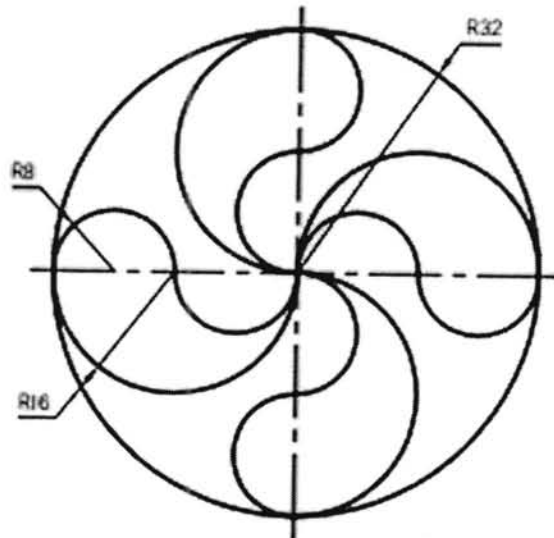
Time: 3hours

Date

Attempt four questions only, included question (5)

Q1. Draw the figure below; use drawing scale 1:1

(25Marks)

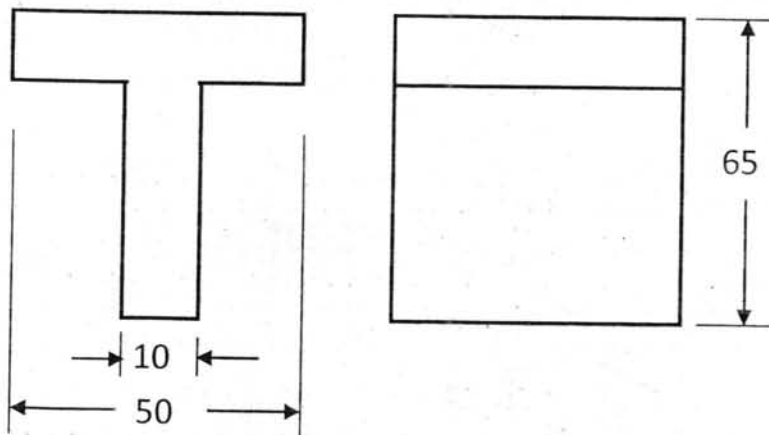


Q2. Find:-.

1. Top view
2. **Isometric** shape with dimensions.

5 Marks

20 Marks



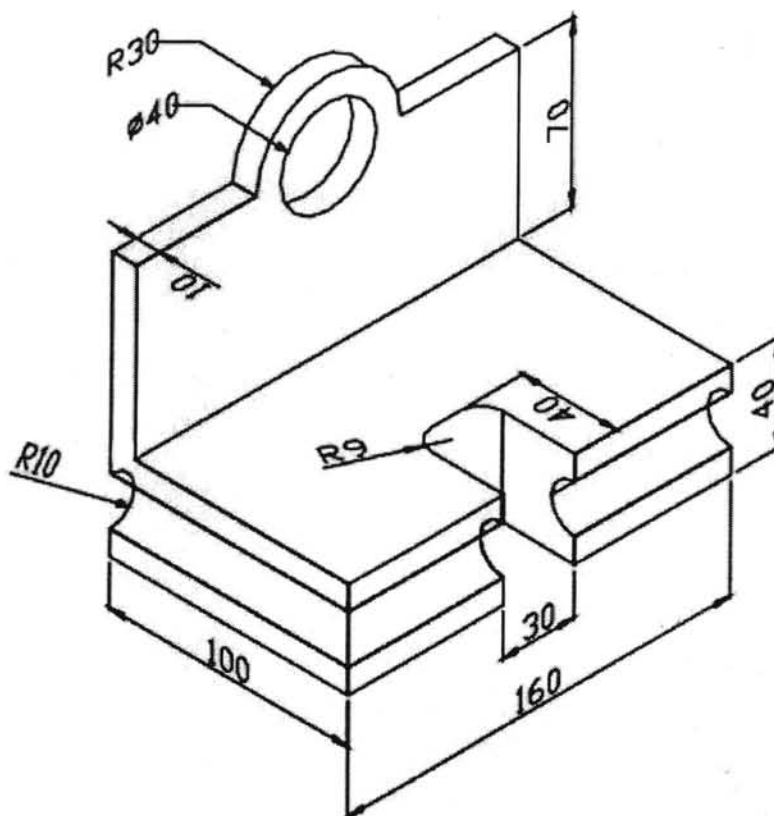
Not: length (x) =width(y)

Q3. From the below isometric shape, draw:

1. Front view
2. Side section view or Top view

(15 Marks)

(10 Marks)

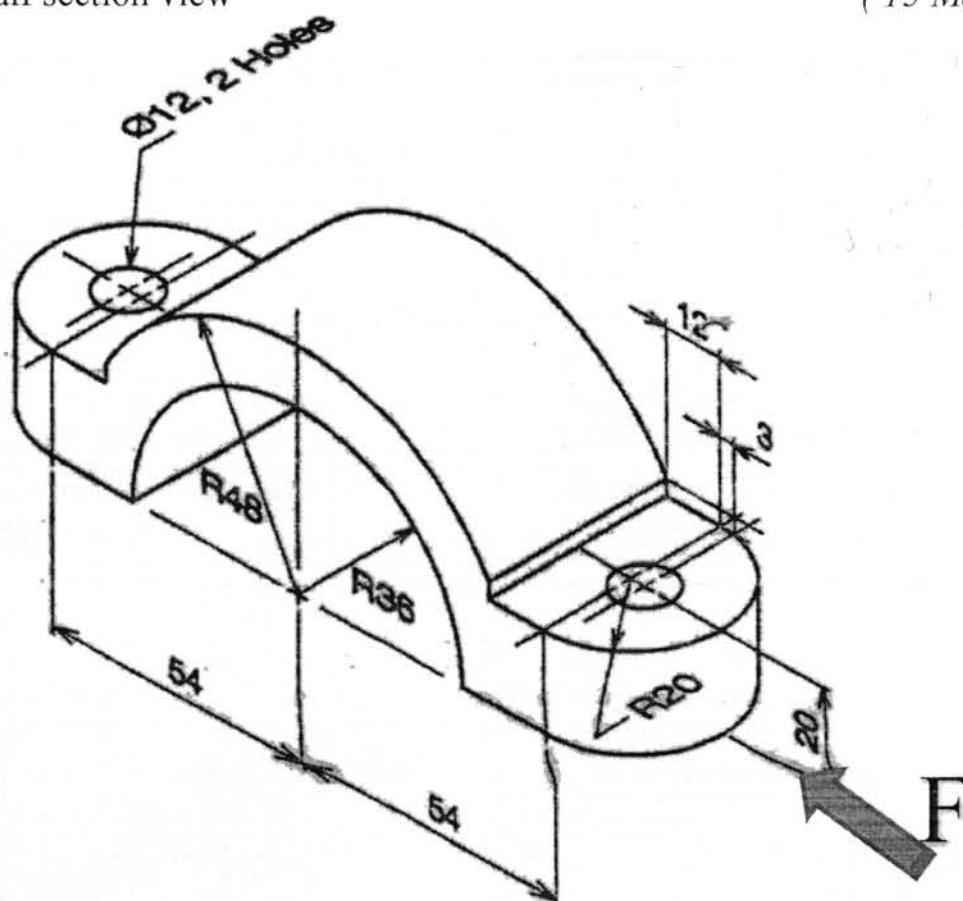


Q4. From the below isometric shape, draw:

1. Front section view
2. Side Half section view

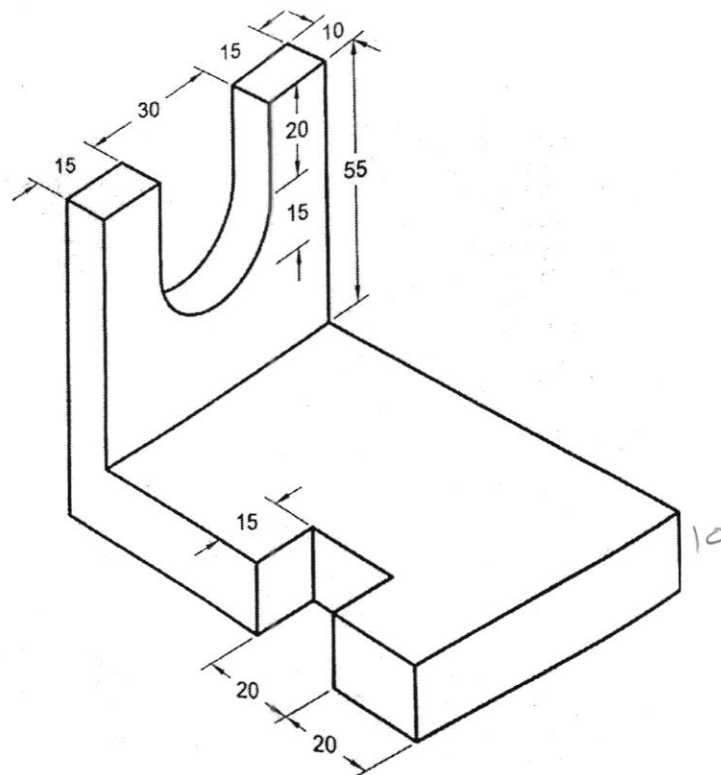
(10 Marks)

(15 Marks)

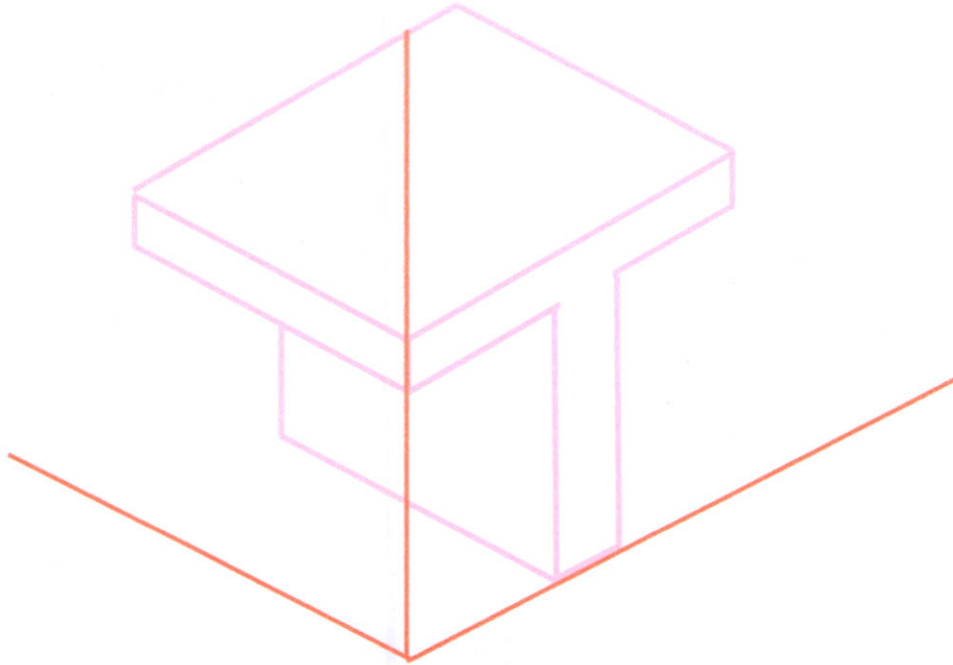


Q5.

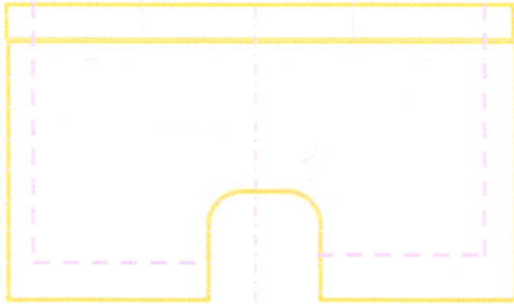
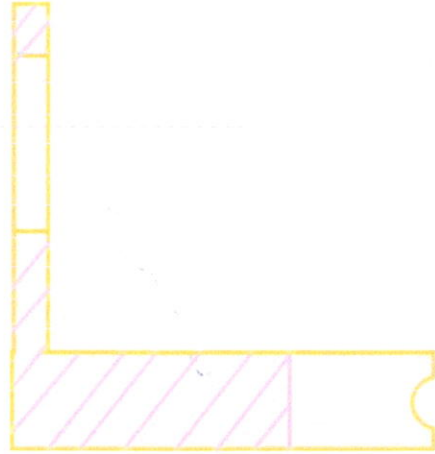
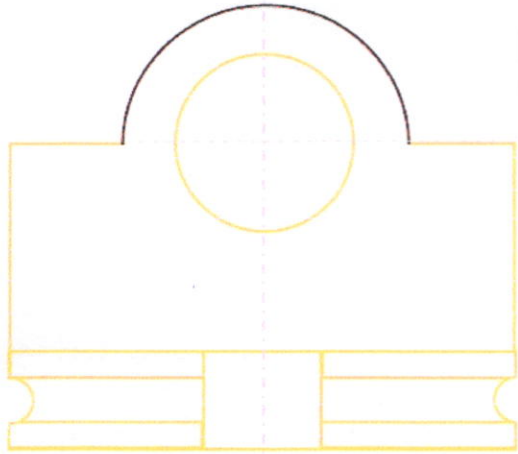
1. Sketch free hand drawings; the front view and top view for the model below?
2. Write a program by using relative coordinate for above drawings? ( 25 Marks)



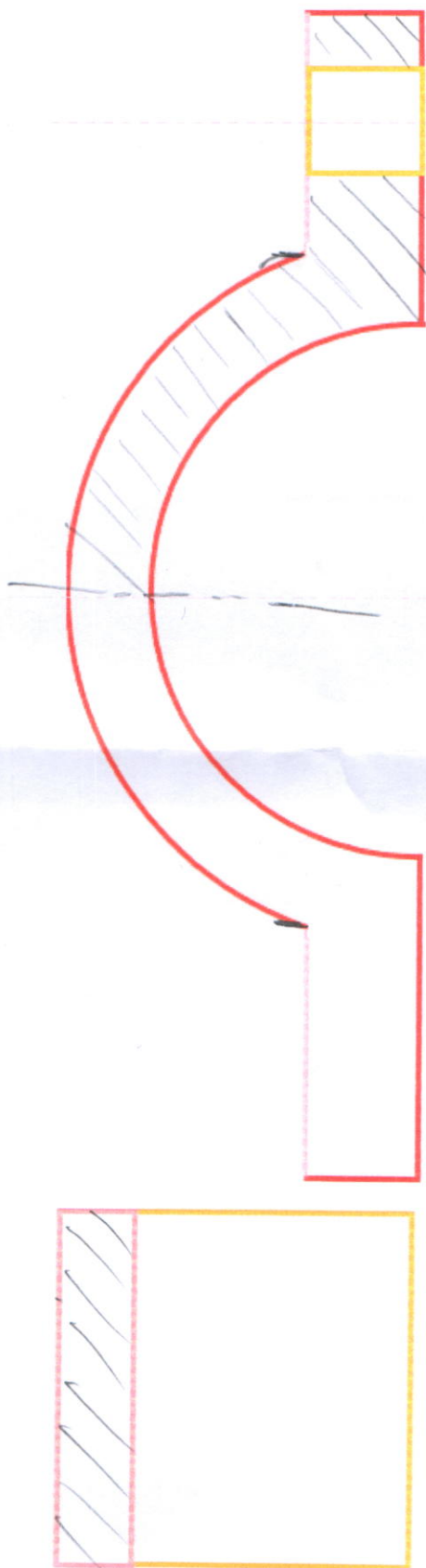
دایره و مربع



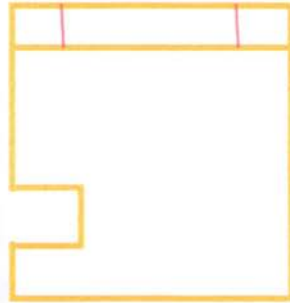
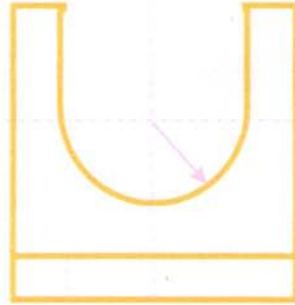
نور الیوم



د. وائل بلال



مدال سوال یکم



Command: Line

Specify first point: 0,0

↙ next ↘ : @ 60,0

↙ ↘ : @ 0,90

↙ ↘ : @ -60,0

↙ ↘ : @ 0,-50

↙ ↘ : @ 15,0

↙ ↘ : @ 0,-20

↙ ↘ : @ -15,0

↙ ↘ : @ 0,-20

Command: Line

Specify first point: 15,80

↙ next ↘ : @ 0,10

Command: Line

Specify first point: 45,80

↙ next ↘ : @ 0,10

Command: Line

Specify first point: 0,80

↙ next ↘ : @ 60,0



Command : Line

Specify first point : 0,100

„ next „ : @60,0

„ „ „ : @0,65

„ „ „ : @-15,0

„ „ „ : @0,-20

Command : Arc

Start point : 15,145

End point : 45,145

Radius : 15

command : Line

Specify first point : 15,145

„ next „ : 0,20

„ „ „ : -15,0

„ „ „ : 0,-65

Command : Line

Specify first point : 0,110

„ next „ : 60,0