

Exam duration: 2 Hours

2nd Semester April 2017

Problem #1 (60%): Geometric Construction

Using A3 Sheet, draw the UPPER HALF of Figure (1) with drawing instruments taking the scale of drawing as **1:1**.

- Note:
- All Dimensions are in mm.
 - Start your drawing at point A (200, 60) mm from the lower left corner.
 - The drawing is Symmetrical about the x-axis.

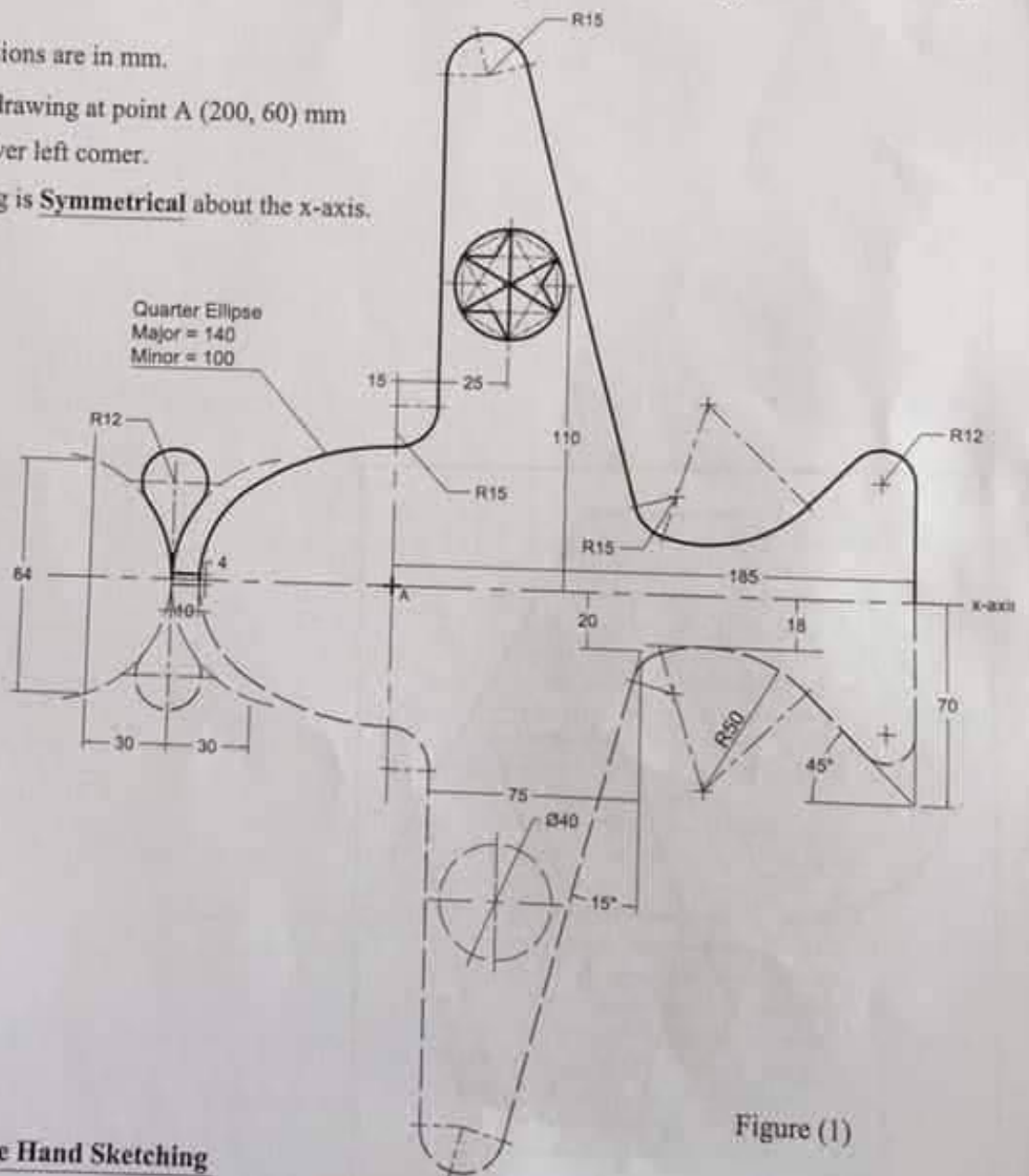


Figure (1)

Problem #2 (40%): Free Hand Sketching

Given an isometric drawing in the next page, Sketch with a **1:1** scale the Front, Top, and Right side views, at the space provided.

Good Luck :)

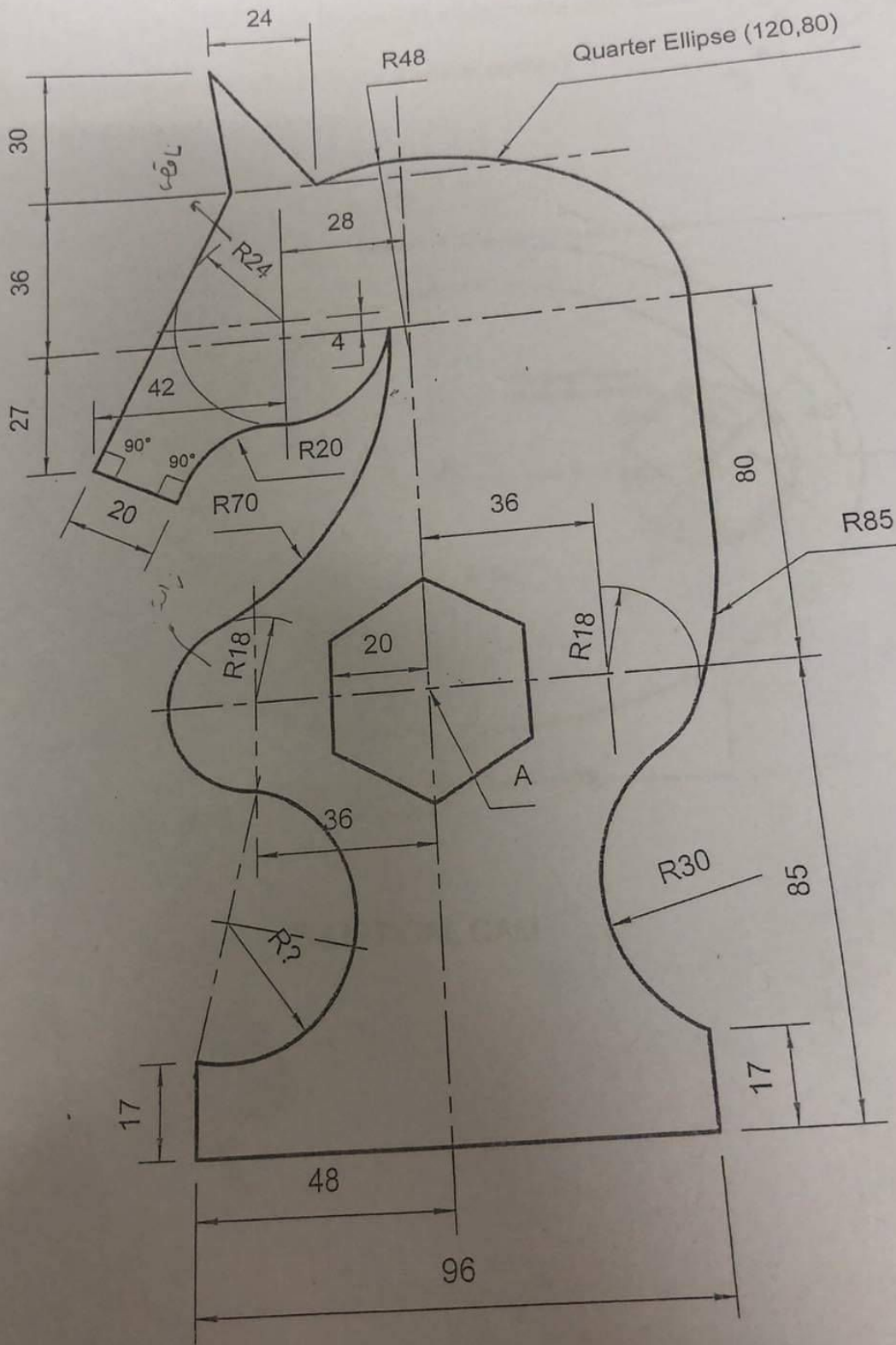
2:30 Hours

Problem #1: Geometric Construction(60%)

Use a 1:1 drawing scale.

Note: 1) All Dimensions are in mm.

2) Start your drawing at point A (240,130) mm from the lower left corner.



Problem #2: Free Hand Sketching (40%)

Given an Isometric drawing in the next page, Sketch with a 1:1 scale
 The Front, Top and Right side views, at the space provided.

Birzeit University – Faculty of Engineering
 Mechanical Engineering Department
 Engineering Drawing ME(121)
 Mid Term Exam

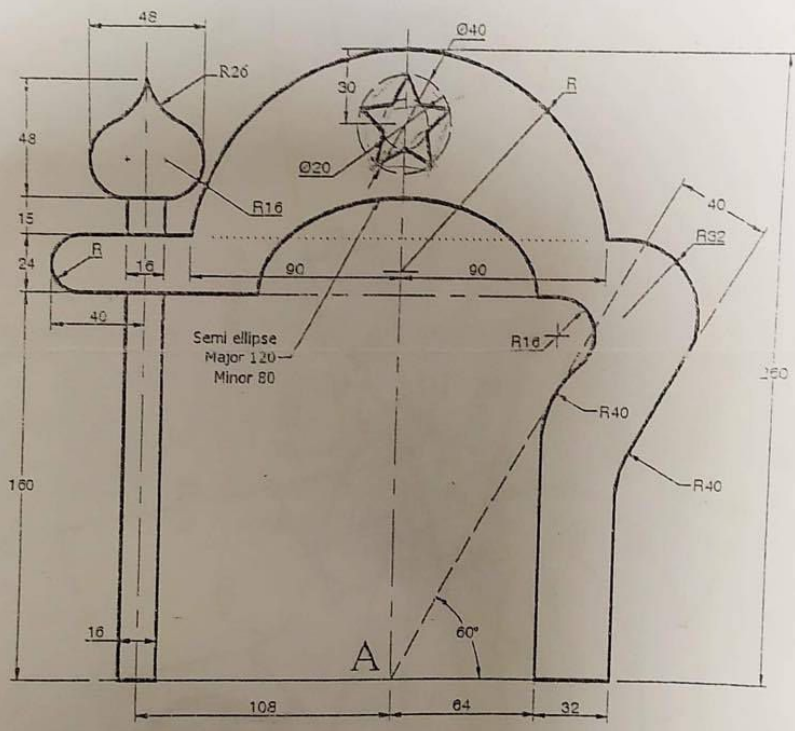
Time : 2:30 Hours

First Semester 2013/2014

Problem #1 (60%):

Using A3 sheet, draw Figure (1) with instruments taking the scale of drawing as 1:1

- Note : a) Dimensions are given in mm.
 b) Start your drawing at point A (x = 220 mm , y = 20 mm).



Problem #2 (40%):

Given the Isometric of **Block** shown in Figure (2) sketch to scale **1:1** the Front, Top, and Right side views.

Note : Start your front view from the given corner.

Good Luck



BIRZEIT UNIVERSITY

Faculty of Engineering and Technology
Department of Mechanical and Mechatronics Engineering
Midterm Exam – Technical Drawing ENME121

Exam duration: 2:30 Hours

Second Semester April 2018

Problem #1 (60%): Geometric Construction

Using A3 Sheet, draw Figure (1) with drawing instruments taking the scale of drawing as 1:1.

Note: a) All Dimensions are in mm.

b) Start your drawing at point A (280, 195) mm
from the lower left corner.

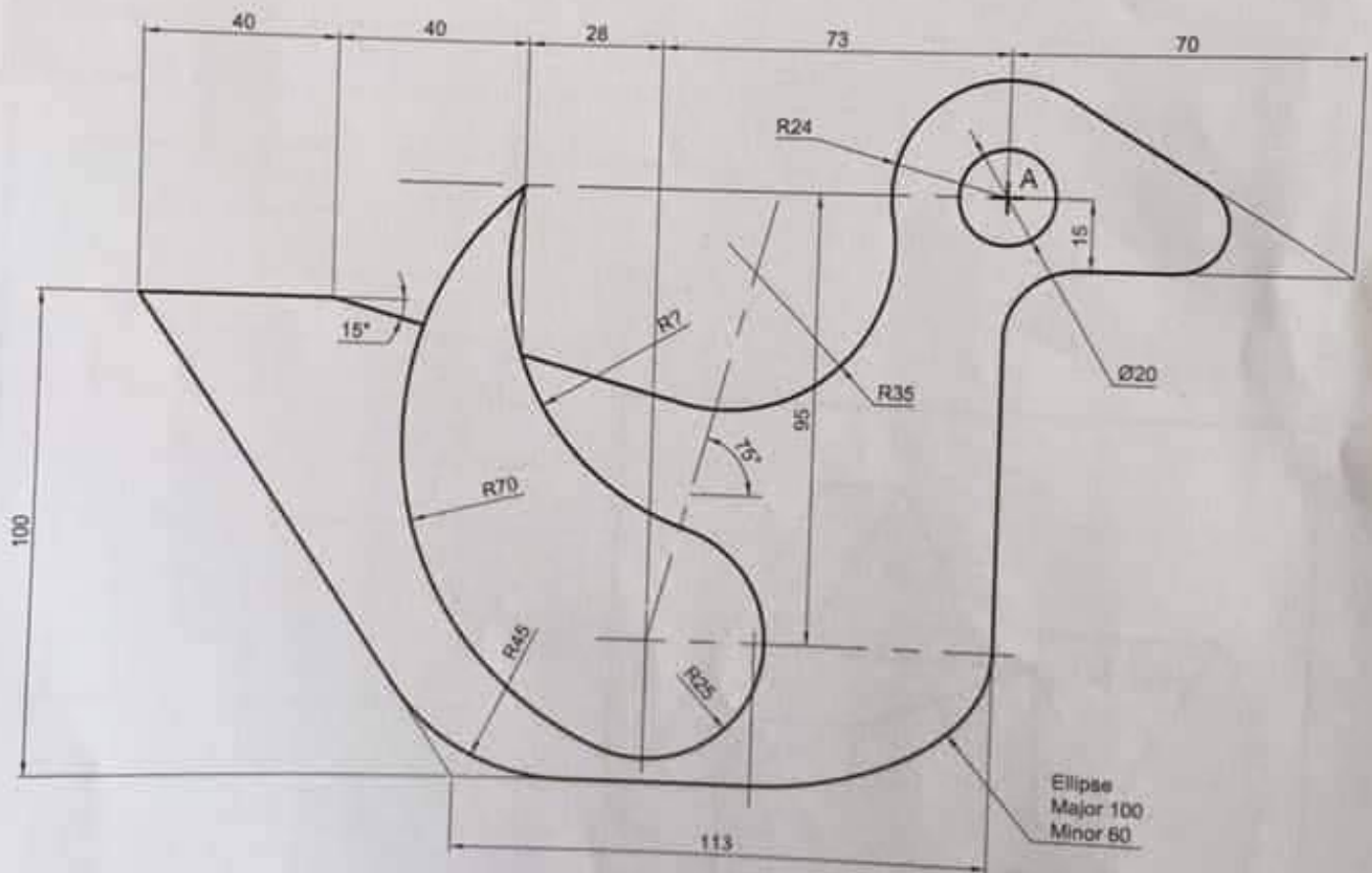


Figure (1)

Problem #2 (40%): Free Hand Sketching

Given an isometric drawing in the next page, Sketch with a 1:1 scale the Front, Top, and Right side views, at the space provided.

Good Luck ;)

Time: 2:50 Hours

Problem #1 (60%):

Using A3 sheet, draw Figure (1) to scale 1:1 with instruments:

Note:

- Dimensions are given in mm.
- Start your drawing at point A (x = 170 mm , y = 140) from the lower left corner

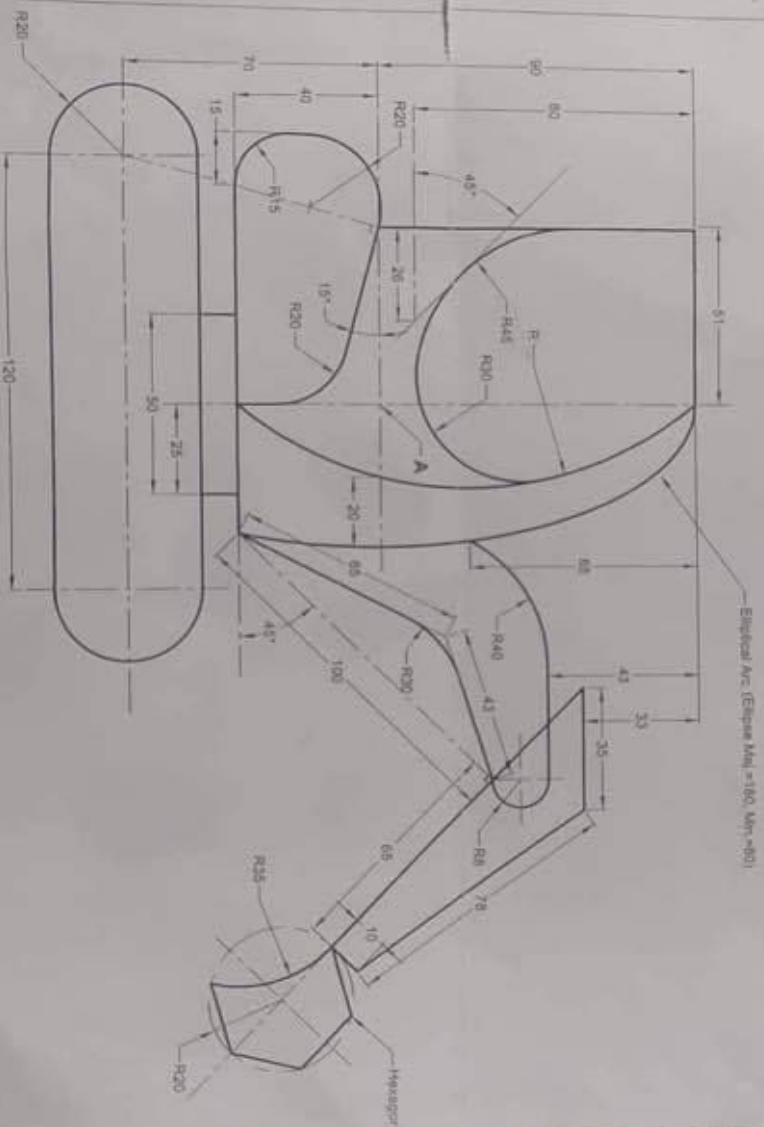


Figure 1

Problem #2 (40%):

Given the isometric of the Block shown in Figure (2), sketch to scale 1:1 the Front, Top, and Right side views using scale paper



BIRZEIT UNIVERSITY

Department of Mechanical and Mechatronics

Engineering

Engineering Drawing ENME121

Midterm Exam

2nd Semester March 2019

Exam duration: 2:30 Hours

Problem 1 : (60%) Geomatic Construction

Using A3 Sheet , Draw Figure 1 with the drawing instruments

Note:

- Dimensions are all in mm.
- Use a scale of 1:1.
- Start draw from point C (245,185)

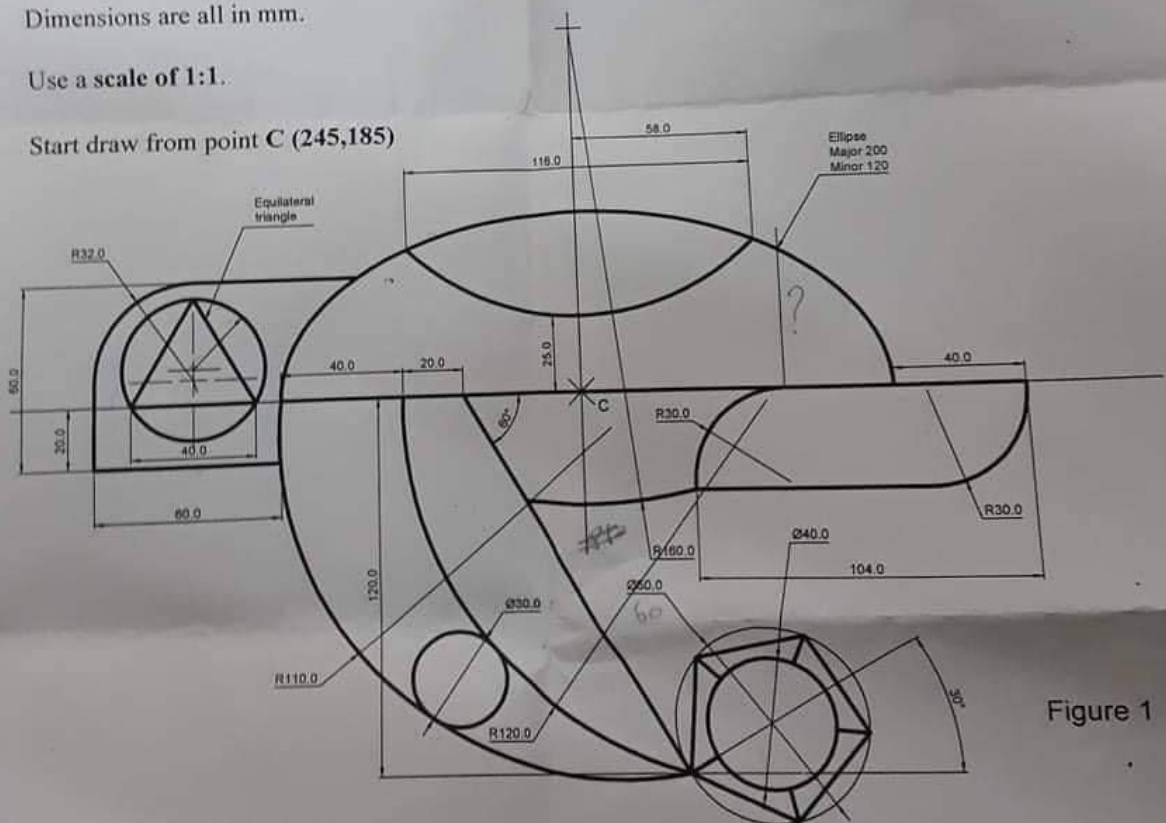
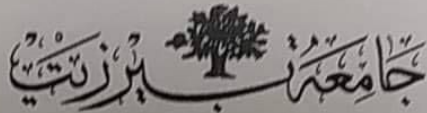


Figure 1

Problem 2 : (40%) Free Hand Sketching

Given an isometric drawing in the next page , sketch with a scale 1:1 the Front, Top and Right side views , at the space provided

isometric views using scale paper



BIRZEIT UNIVERSITY

Faculty of Engineering and Technology
Department of Mechanical and Mechatronics Engineering
Midterm Exam - Technical Drawing ENME121

Exam duration: 2:30 Hours

First Semester November 20

Problem #1 (60%): Geometric Construction

Using A3 Sheet, draw Figure (1) using instruments with a 1:1 scale.

Note: a) All Dimensions are in mm.

b) Start your drawing at point C (120, 150) mm from the lower left corner.

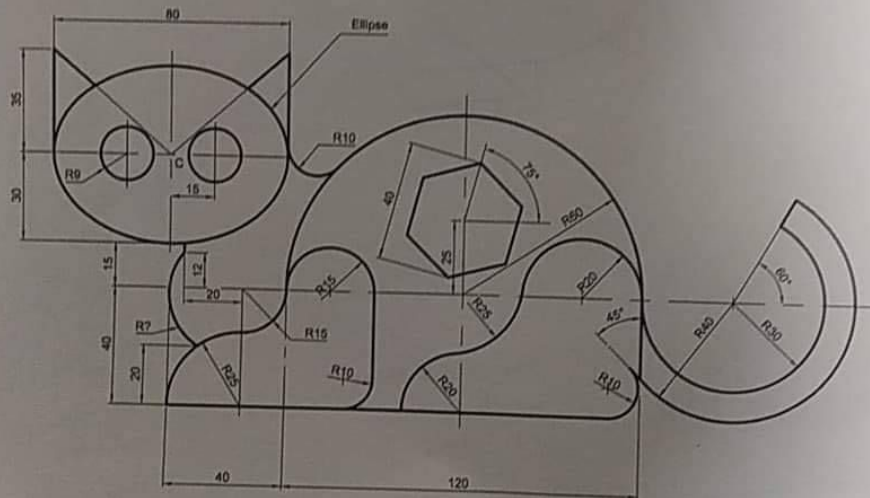


Figure (1)

Problem #2 (40%): Free-Hand Sketching

Given an isometric drawing in the next page, Sketch with a 1:1 scale the Front, Top, and Right side views, at the pace provided.

Good Luck ;)

Problem #1 (60%): Geometric Construction

Using A3 Sheet, draw Figure (1) with drawing instruments taking the scale of drawing as 1:1.

Note: a) All Dimensions are in mm.

- b) Start your drawing at point A (180, 210) mm from the lower left corner.

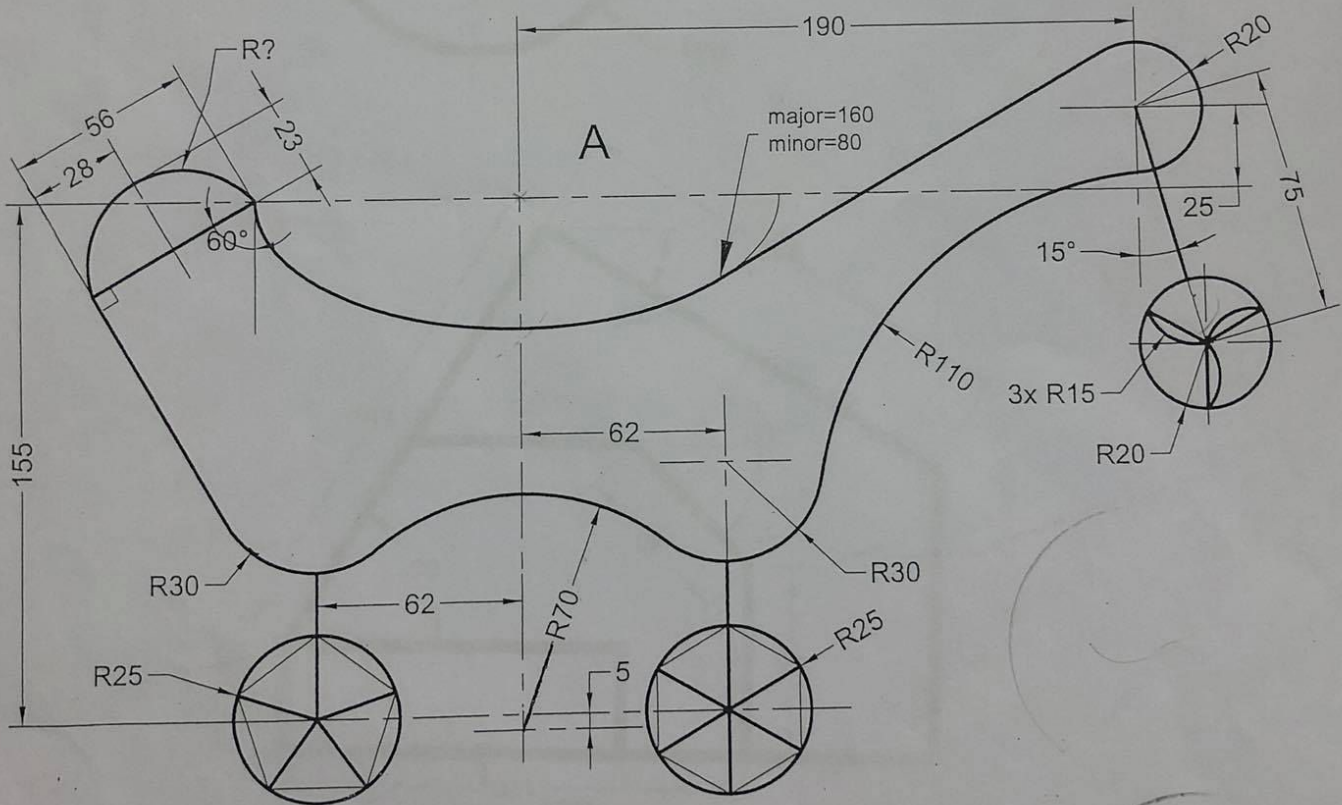


Figure (1)

Problem #2 (40%): Free Hand Sketching

Given an isometric drawing in the next page, Sketch with a 1:1 scale the Front, Top, and Right side views, at the space provided.

Good Luck ;)