



Mansoura University



Faculty of Engineering



BME & MTE Programs

Academic Year: 2019 -2020
Semester : 1st Term (Fall 2019)
Date: Saturday 28 December 2019

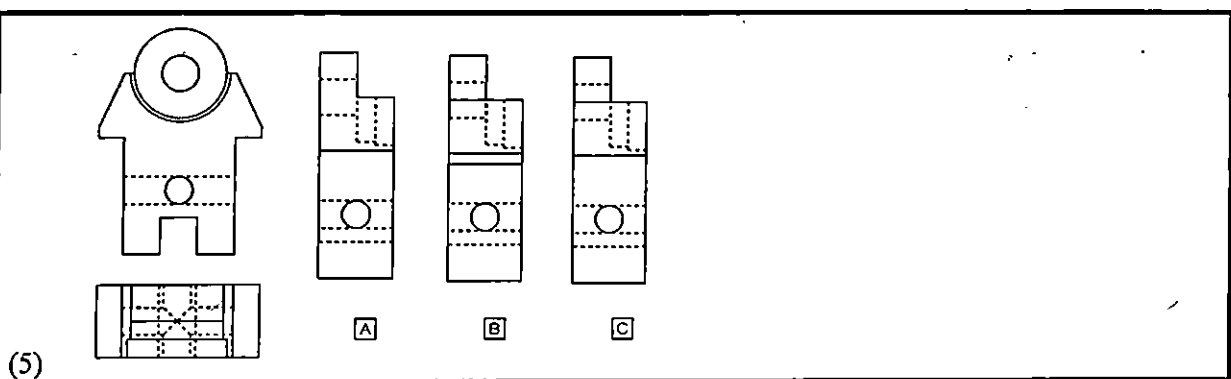
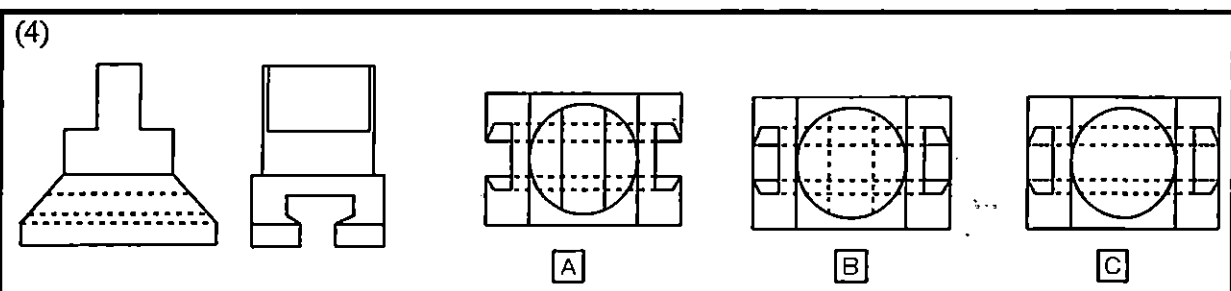
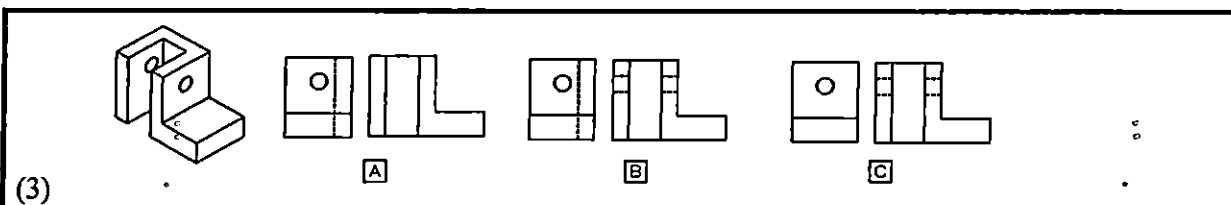
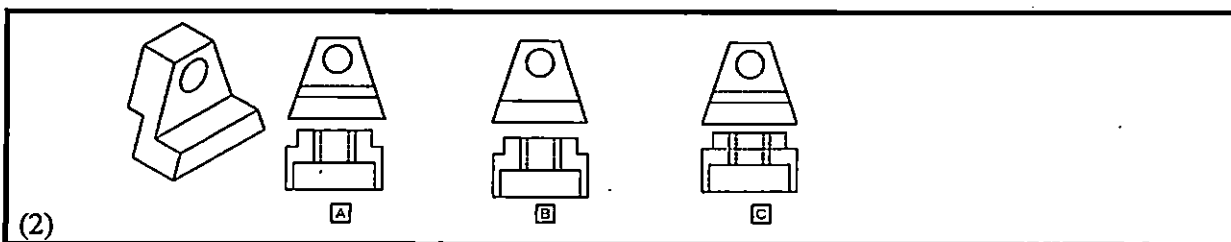
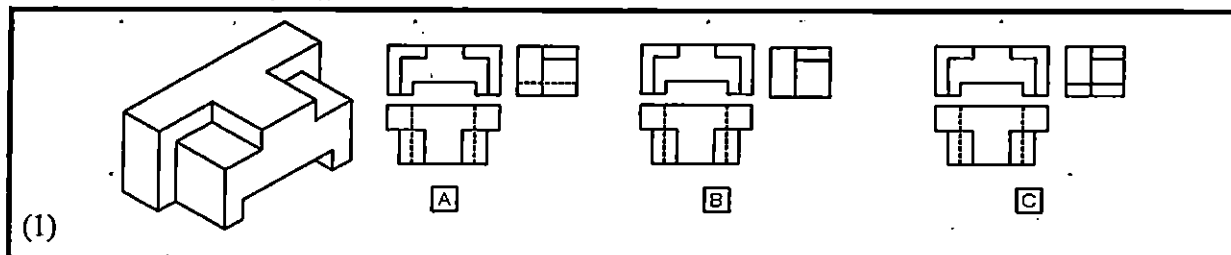
Course Title: Engineering Drawing
Course Code: PDE 041
Level: 000 BME and MTE

Exam: Final Exam (4 Pages)
Allowed Time: 2 Hour
Max. Mark: 50 Marks

Model 1

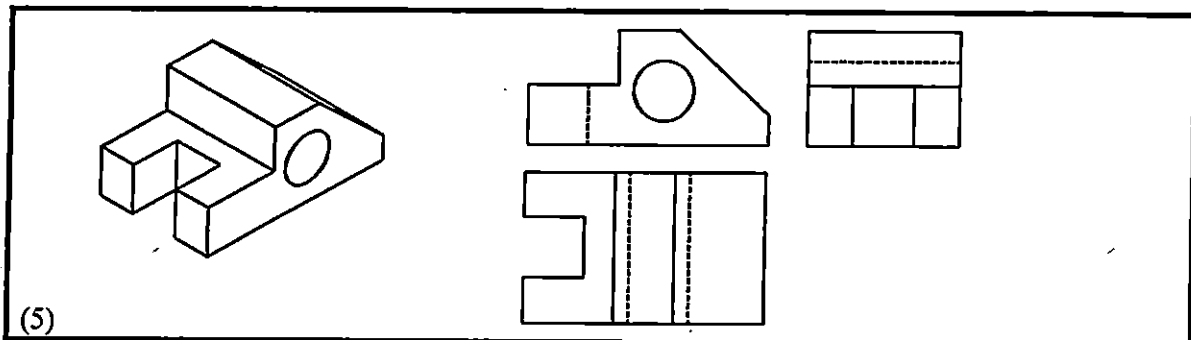
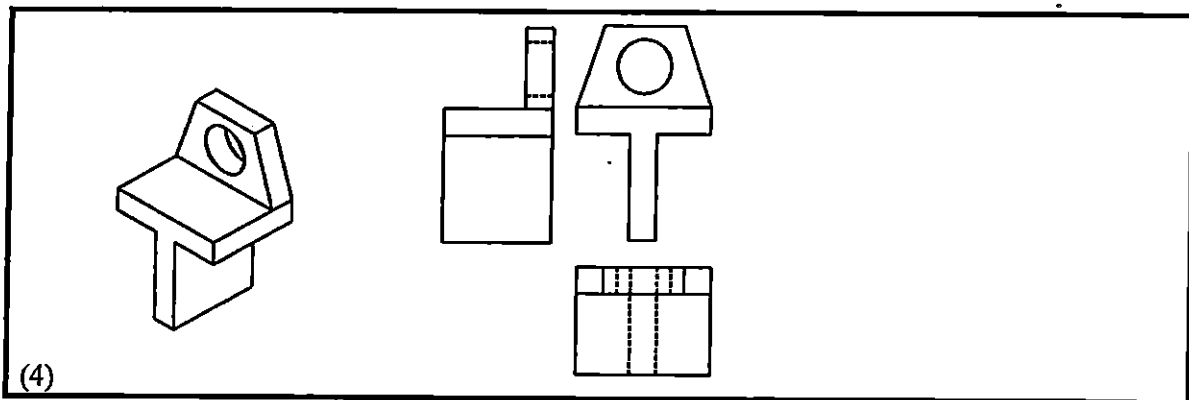
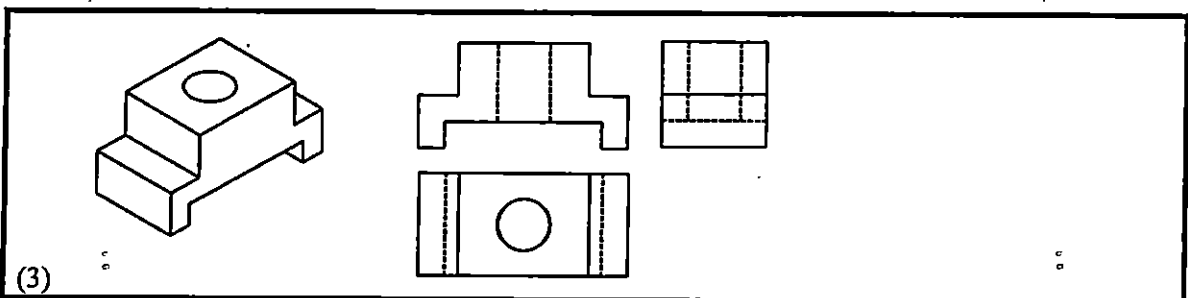
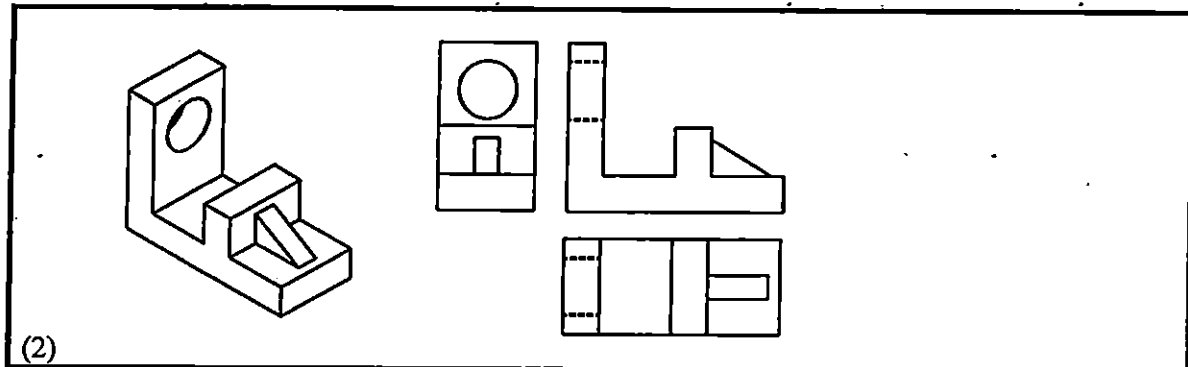
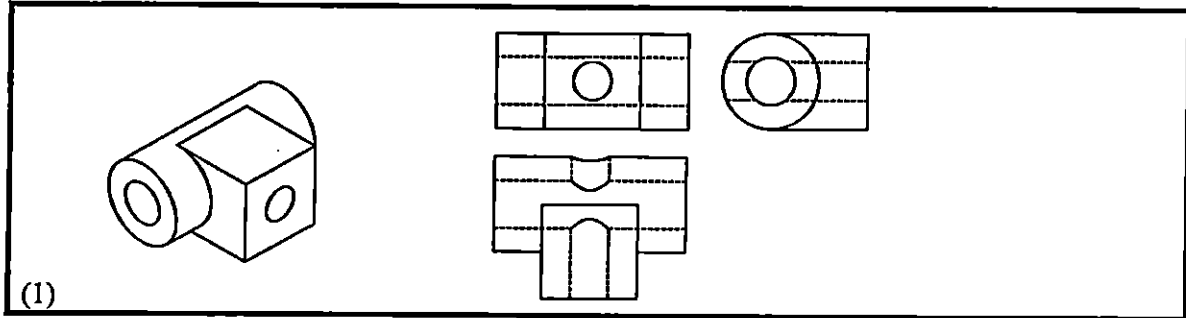
Question 1: (5 Marks, 1 mark for each point)

Choose the correct answer:



Question 2: (5 Marks, 1 mark for each point)

For each body check the given views and state that if the views are true or false.

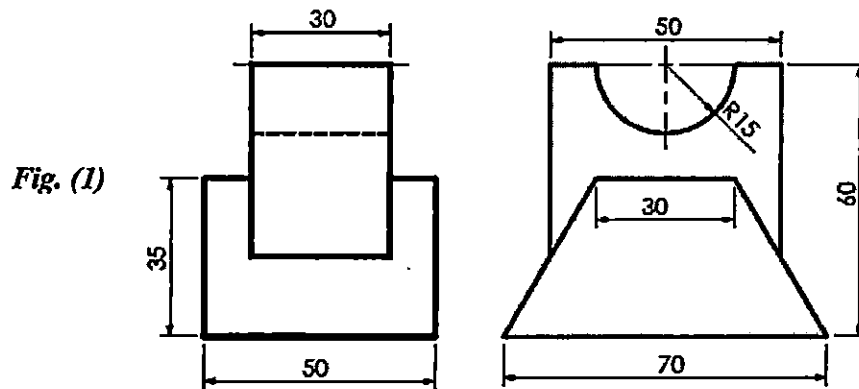


Question 3: (10 Marks)

Construct the isometric of the mechanical part which has the given two views shown in figure (1).

The isometric must positioned to has the views at their exact places.

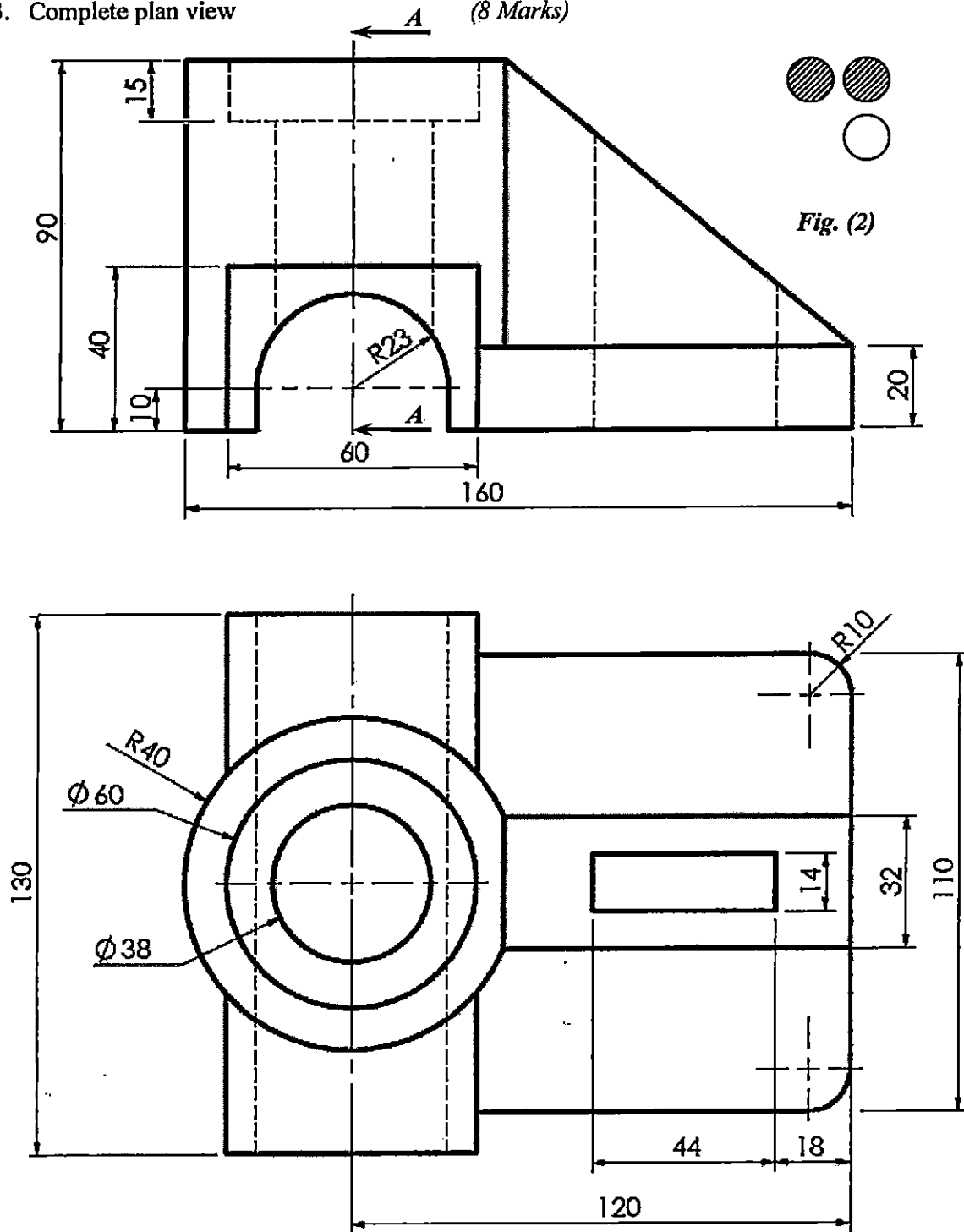
Note: write the dimensions on isometric.



Question 4: (30 Marks)

For the given two views shown in the figure (2), it is required to draw the followings:

1. Sectional front view at the axis of symmetry (12 Marks)
2. Sectional right side view at AA (10 Marks)
3. Complete plan view (8 Marks)



With our best wishes ,

Associate Prof. Dr.\ Tawakol A. Enab

Dr.\ Fatma Abdallah Elerian



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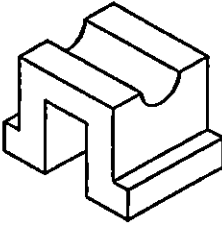
Max. Mark: 50 Marks

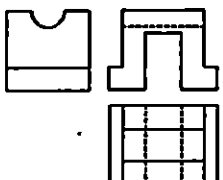
Model 2

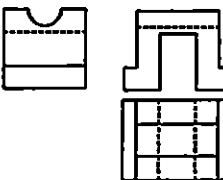
Question 1: (5 Marks, 1 mark for each point)

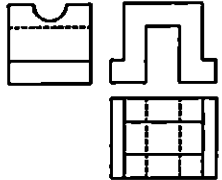
Choose the correct answer:

(1)

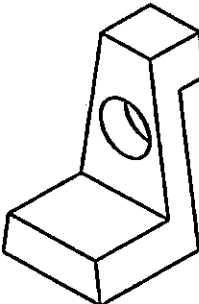




A



B



C

(2)

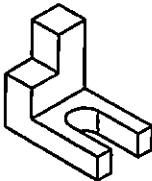


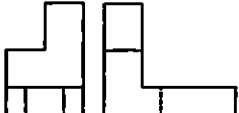

A



B

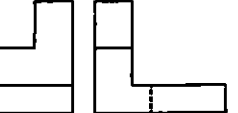

C

(3)

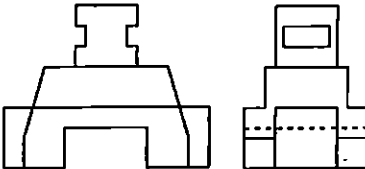


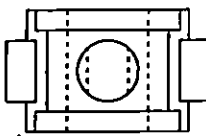

A

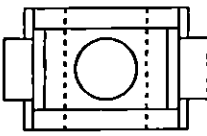

B

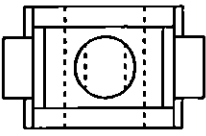

C

(4)

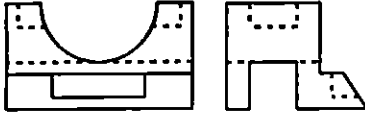


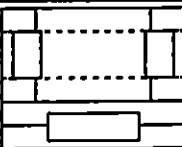

A

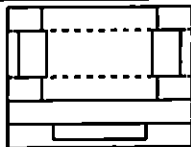

B

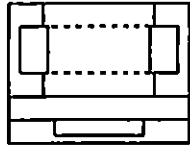

C

(5)




A

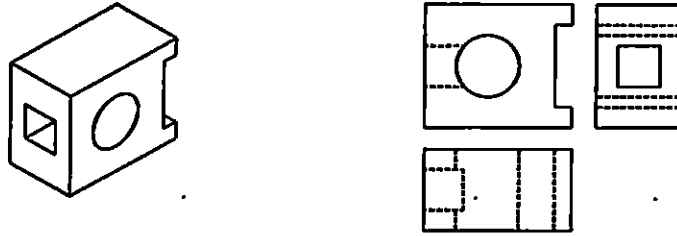

B


C

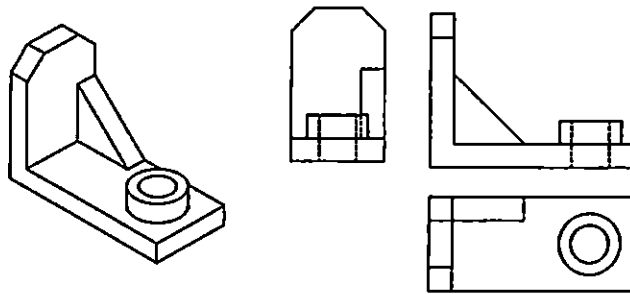
Question 2: (5 Marks, 1 mark for each point)

For each body check the given three views and state that if the views are true or false.

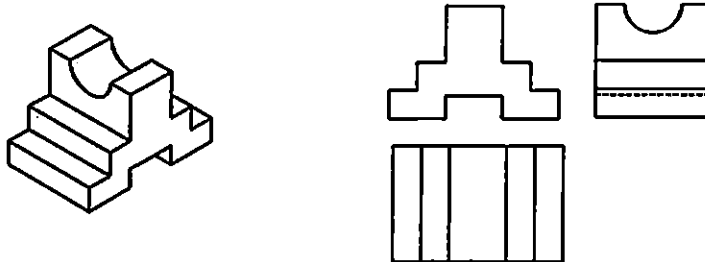
(1)



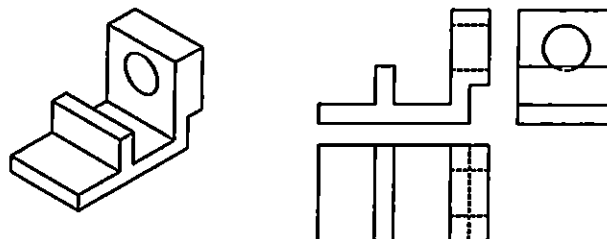
(2)



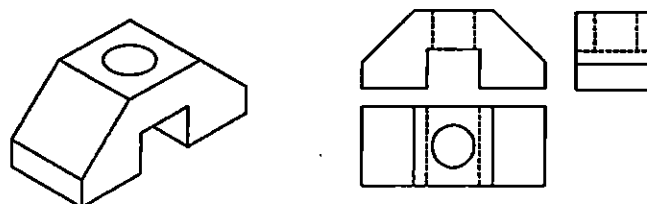
(3)



(4)



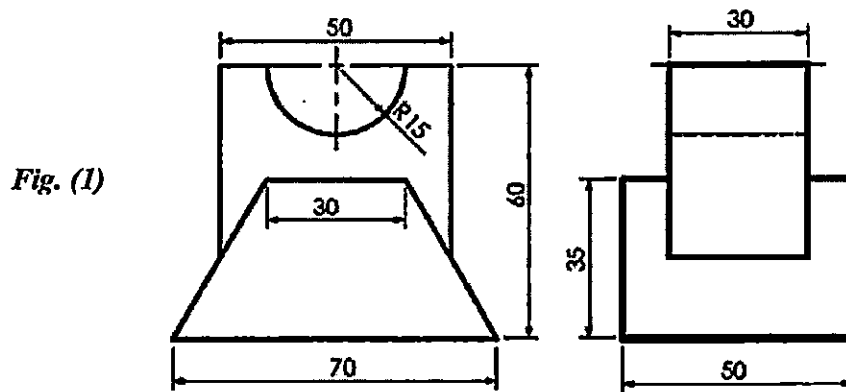
(5)



Question 3: (10 Marks)

Construct the isometric of the mechanical part which has the given two views shown in figure (1).
The isometric must positioned to has the views at their exact places.

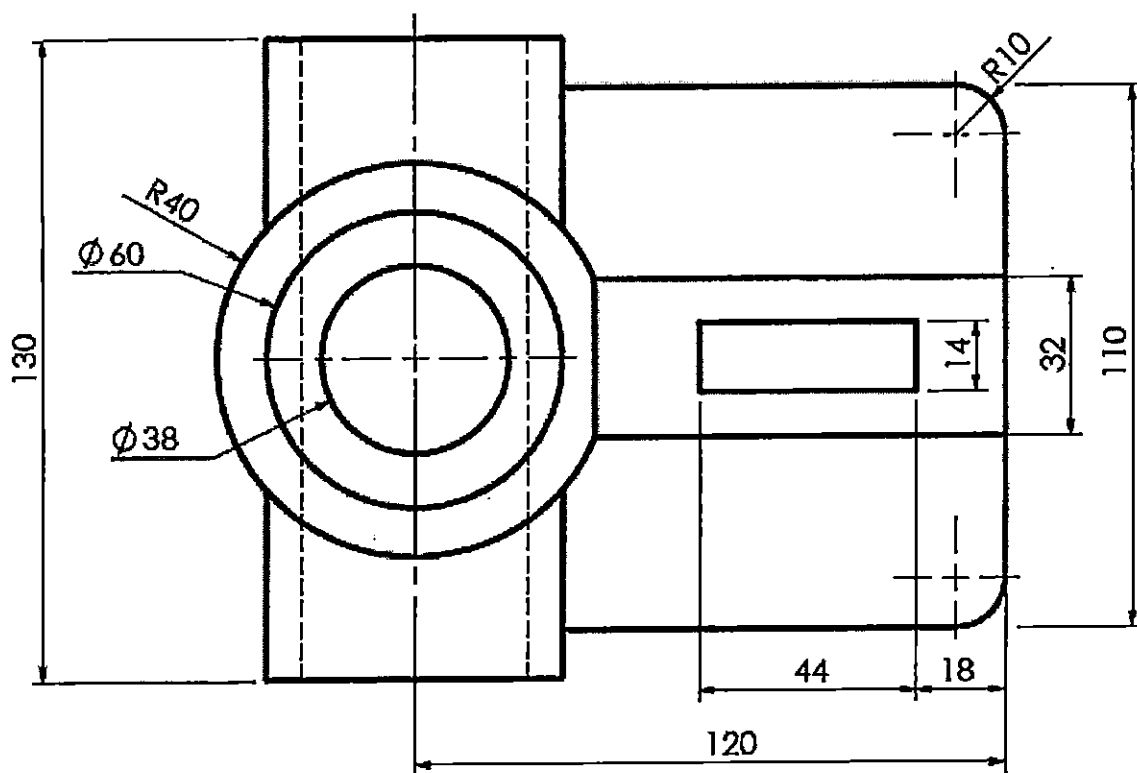
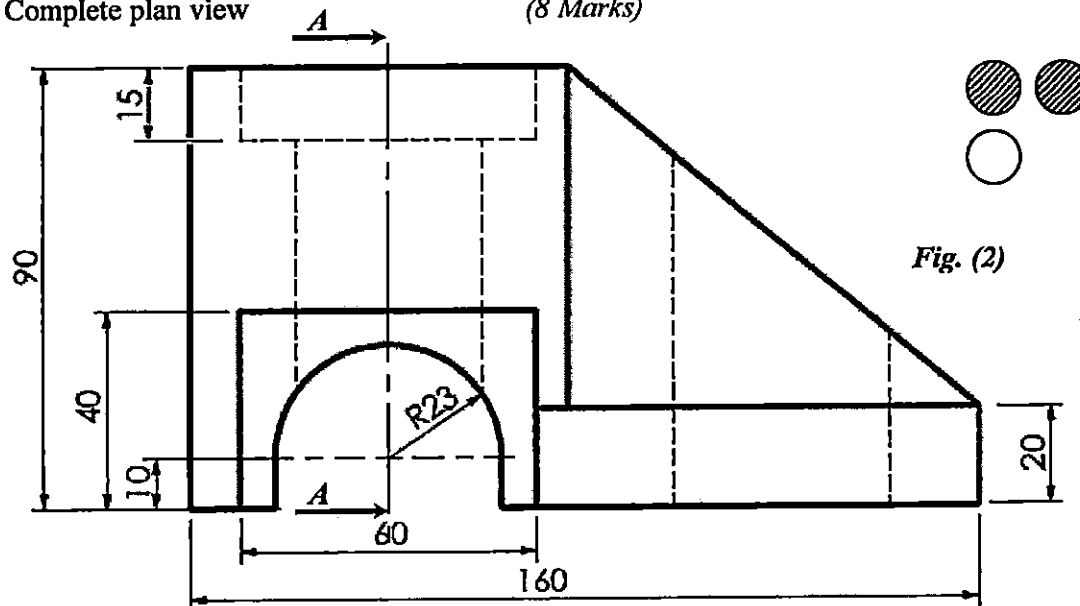
Note: write the dimensions on isometric.



Question 4: (30 Marks)

For the given two views shown in the figure (2), it is required to draw the followings:

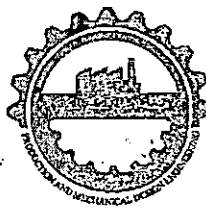
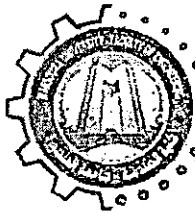
1. Sectional front view at the axis of symmetry (12 Marks)
2. Sectional left side view at AA (10 Marks)
3. Complete plan view (8 Marks)



With our best wishes ,

Associate Prof. Dr.\ Tawakol A. Enab

Dr.\ Fatma Abdallah Elerian



*Mansoura University
Faculty of Engineering
Prod. & Mech. Design Eng. Dept.
Biomedical Engineering Department*

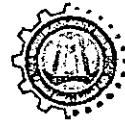
*Engineering Drawing (PDE 041)
BME Level 000
Final Exam (Fall 2019)*

Day : Saturday

Date : 2/5/1441 H – 28/12/2019 G

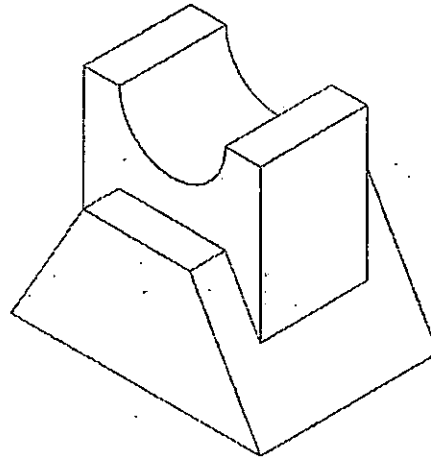
Solutions

Signature : Associate Prof. Dr. Tawakol Ahmed ENAB

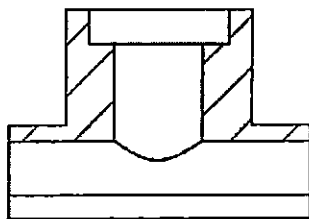


Model 1

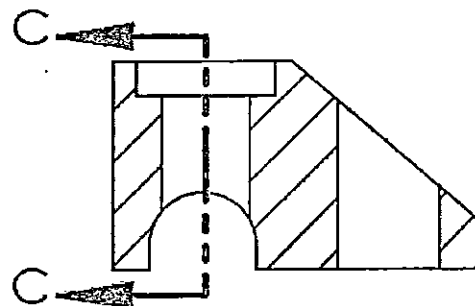
Question 3: (10 Marks)



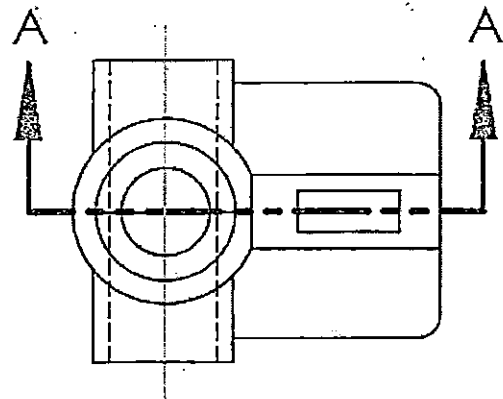
Question 4: (30 Marks)



SECTION C-C



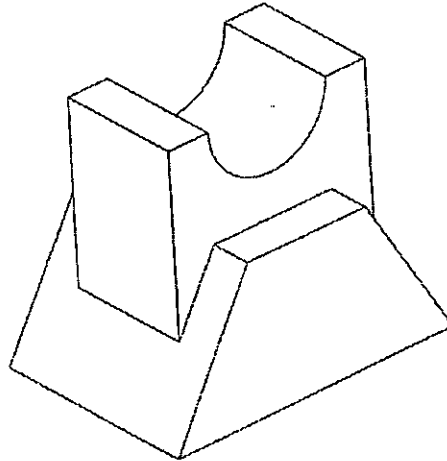
SECTION A-A



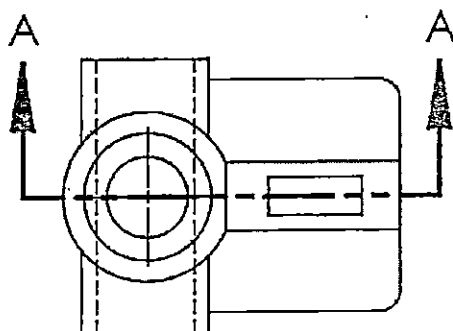
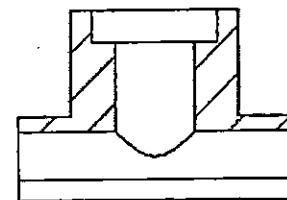
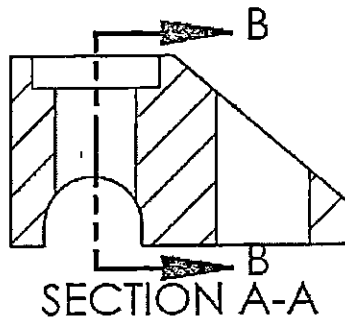


Model 2

Question 3: (10 Marks)



Question 4: (30 Marks)



تعليمات

- استخدام القلم الجاف الأسود أو الأزرق للتظليل الدائره الداله
- علي إختيارك بشكل كامل ومعتم مع رسم دائره معتمه ومملوع الكتابة على أى بار كود
- يمنع لهاليا التظليل علي أكثر من إجابته للسؤال الواحد وكذلك الشطب و الكشط

رقم الامتحان : 13965

رقم الطالب : 000

الرسم الهندسي

إسم الطالب : نموذج إجابة

الاسم بالكامل :


الرقم القومي :

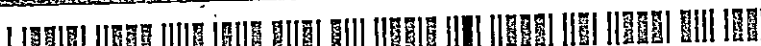
رقم الجلوس : 000

غائب

نموذج رقم : 1

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5- <input type="radio"/> T <input type="radio"/> F				

2019

28 12

تعليمات

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رقم الامتحان : 13965

رقم الطالب : 000

الرسم الهندسي

إسم الطالب : نموذج إجابة

الاسم بالكامل :

الرقم القومي :

رقم الجلوس : 000

غائب

نموذج رقم : 2

(E)

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5- (a) (b) (c)																			

1- (F) (T)					2- (F) (T)					3- (F) (T)					4- (F) (T)				
5- (F) (T)																			

2019
28/12