Q2:) *Draw the following 3D solid which is shown in the figure below*   **(15 points)**
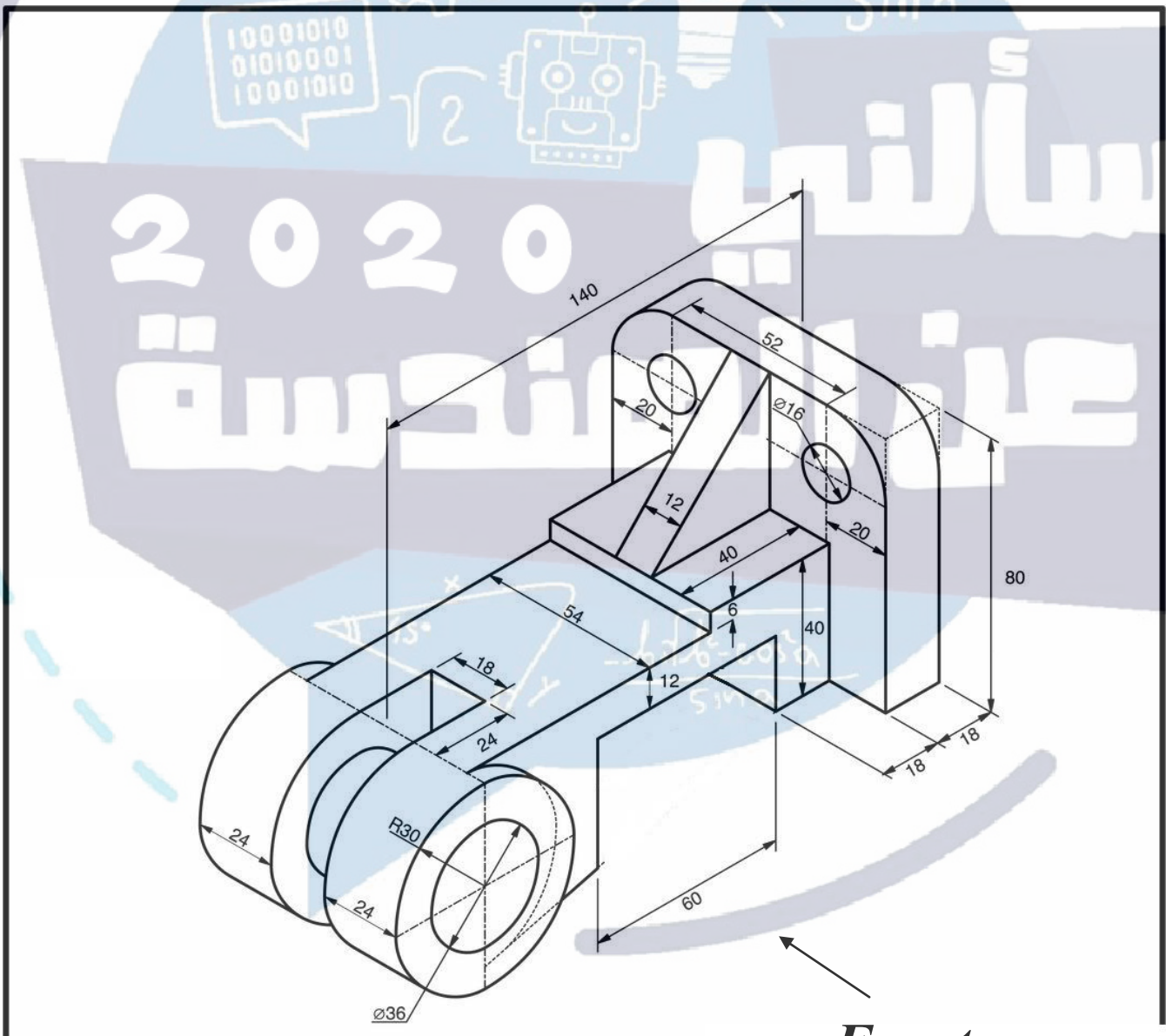
a .Use one layer for each of the following :(3D solid, Hatch line, Text and Dimension line). **(1Points)**

b. Write your Name, Reg.No, Section No. **(1Points)**

c. Make a slice to obtain the full front sectional view (on a copy of the figure) ,keep the back and hatch the Section **(2Points)**

d. Add all dimensions as shown in the figure. **(3Points)**
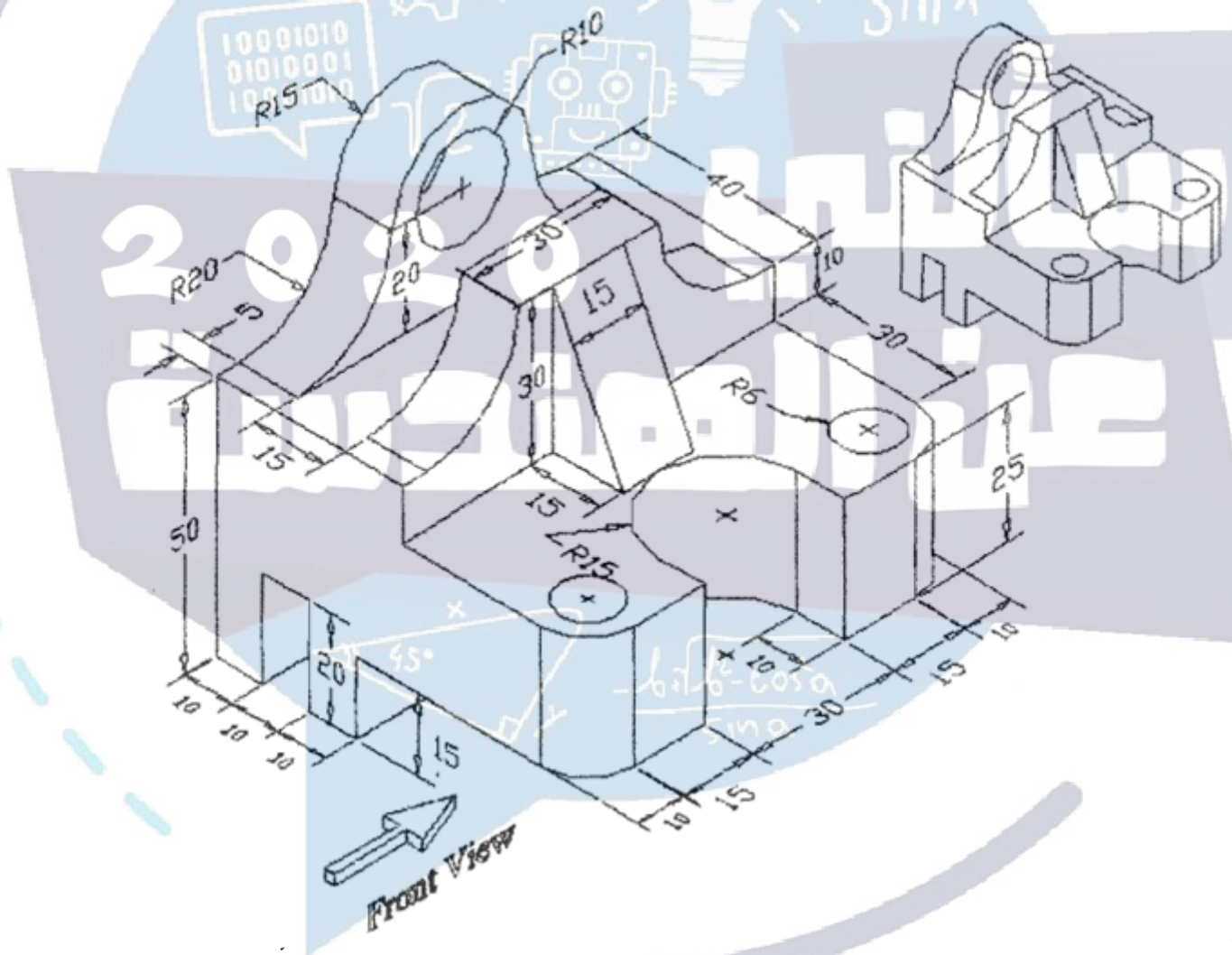

Front

Good luck

Q2:) *Draw the following 3D solid which is shown in the figure below* **(15 points)**

a. *Write your Name, Reg.No, Section No.* **(1Points)**

b. *Make a slice to obtain the **full front sectional** view (on a copy of the figure) ,keep the back and hatch the Section* **(2 Points)**
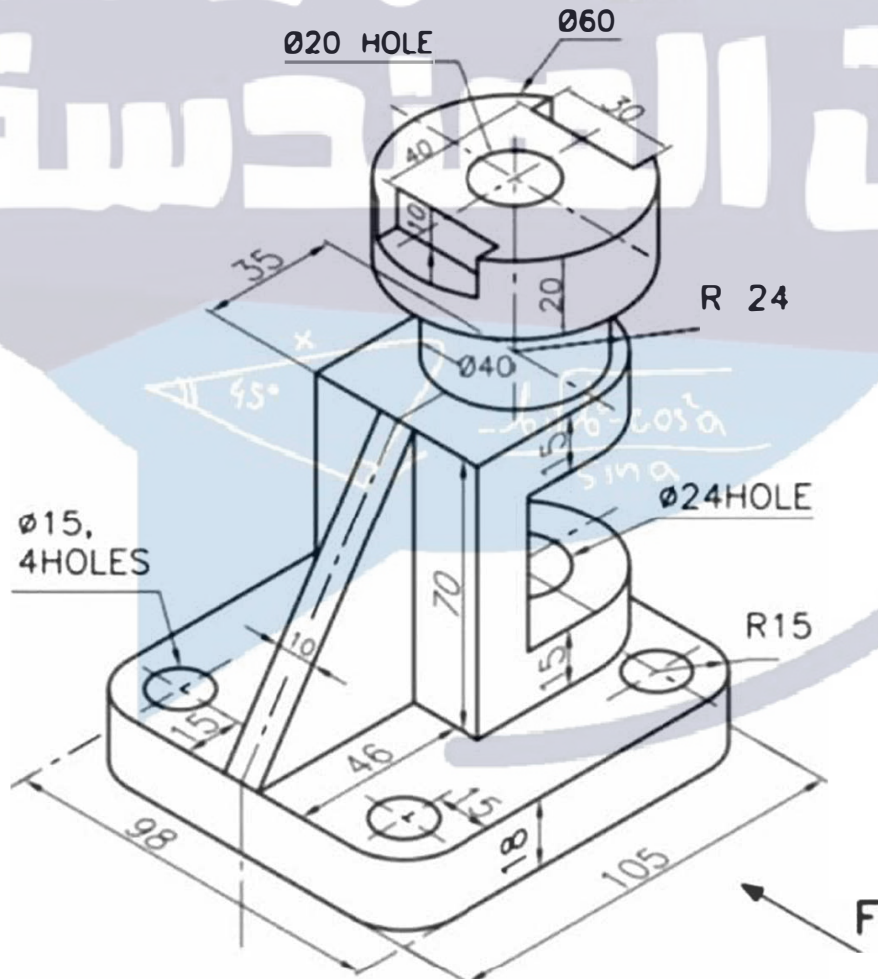
c. *Add all dimensions as shown in the figure.* **(3Points)**

Good luck

University of Jordan
Mechanical Engineering Department
Engineering Drawing & Descriptive Geometry

ارسم السؤالين الاول و الثاني على نفس الملف و احفظ الملف باسمك مع رقَم الفايل ثم كلمة فـ ·

li (251) Final Auto `AD   مثال

Problem (1): Draw the following 3D solid   (15 Points)

a. Use one layer for each of the following: (3D solid, Hatch, Text, and Dimensions).

b. Write your Name, File No.

c. Make a slice to obtain the full front sectional view **(on a copy of the Figure)**, keep and hatch the back.

d. Add all dimensions as shown in the Figure.

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Final Exam AutoCAD - *Section 7*
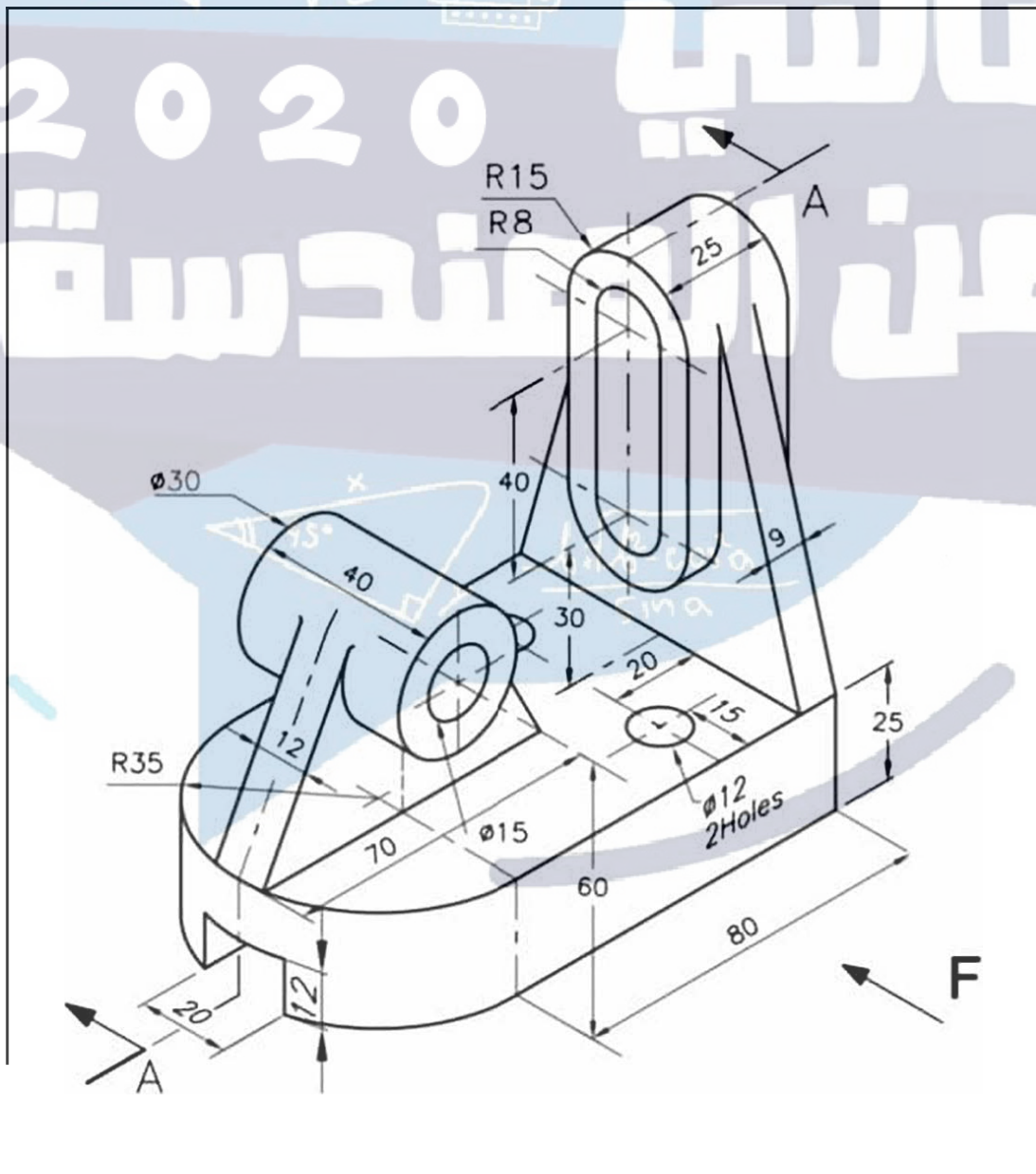**90 min.**

Jan. 2021

ارسم السؤالين الاول و الثاني على نفس الملف و احفظ الملف باسمك مع رقَم الفايل ثم كلمة فاينال

مثال Ali (751) Final AutoCAD

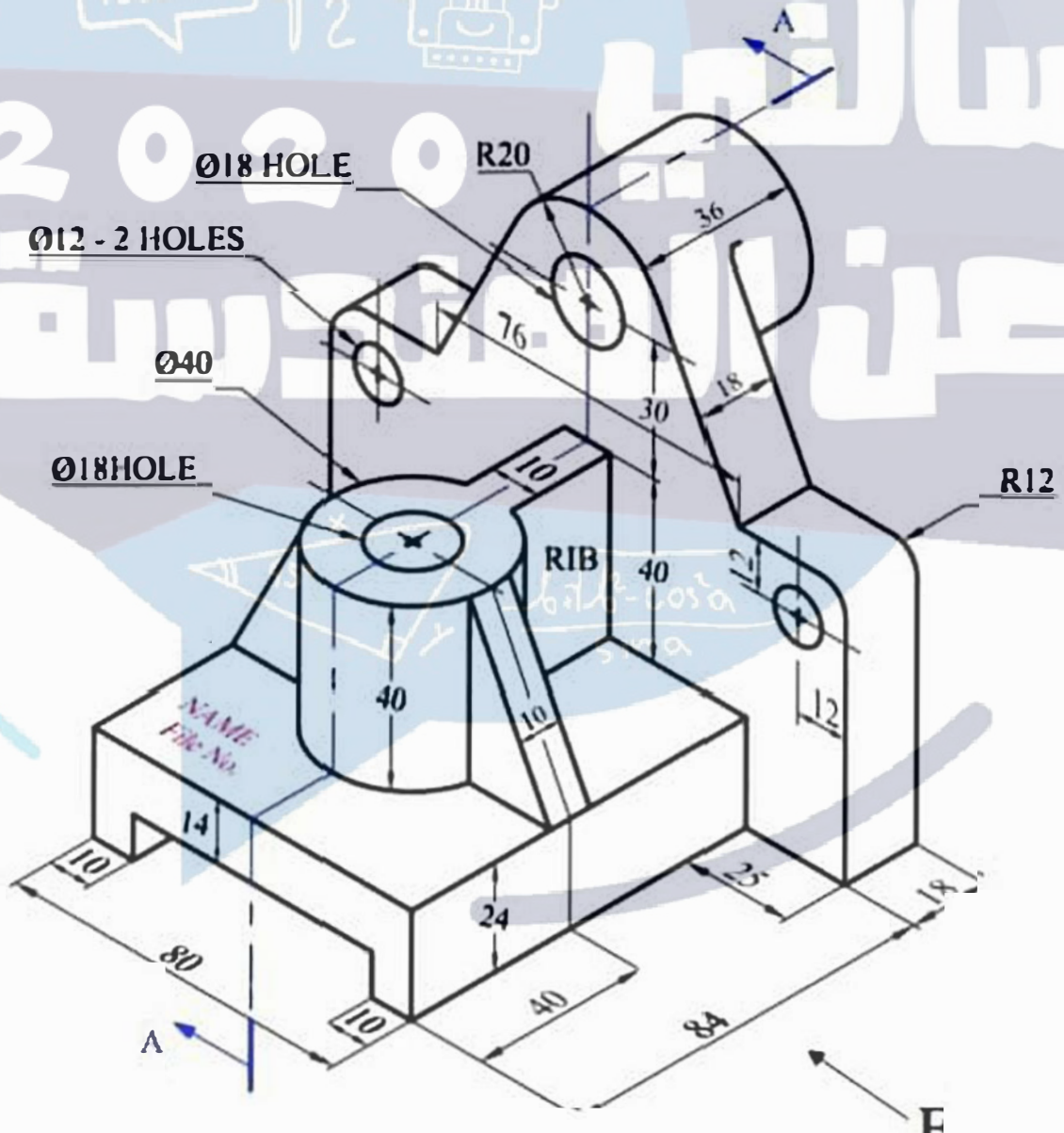## *Problem (1): Draw the following 3D solid* (15 Points)

a. Use one layer for each of the following: (3D solid, Hatch, Text, and Dimensions).

b. Write your Name and File No.

c. Make a slice to obtain the full front sectional view (**on a copy of the Figure**), keep and hatch the back.

d. Add all dimensions as shown in the Figure.

Student Name: _____   FILE No. _____ Section No. _____

Problem (1) Draw the following 3D solid   (15 Points)

a. Use one **layer** for each of the following: (3D solid, Hatch, Text, and Dimensions).   (1 mark)

b. Write your **name and file number** as specified in the figure.   (2 marks)

c. Make a **slice** to obtain the full **front** sectional view A-A (on a **copy** of the Figure), keep and hatch the back. Then find the area of the hatched zone. Area = ... (Write it on the screen). (3 marks)

d. Add **all dimensions** as shown in the Figure.   (4 marks)

Ø18 HOLE
R20
Ø12 - 2 HOLES
36
76
Ø40
30
18
Ø18HOLE
R12
10
RIB
40
40
NAME
FIk-No
12
40
12
14
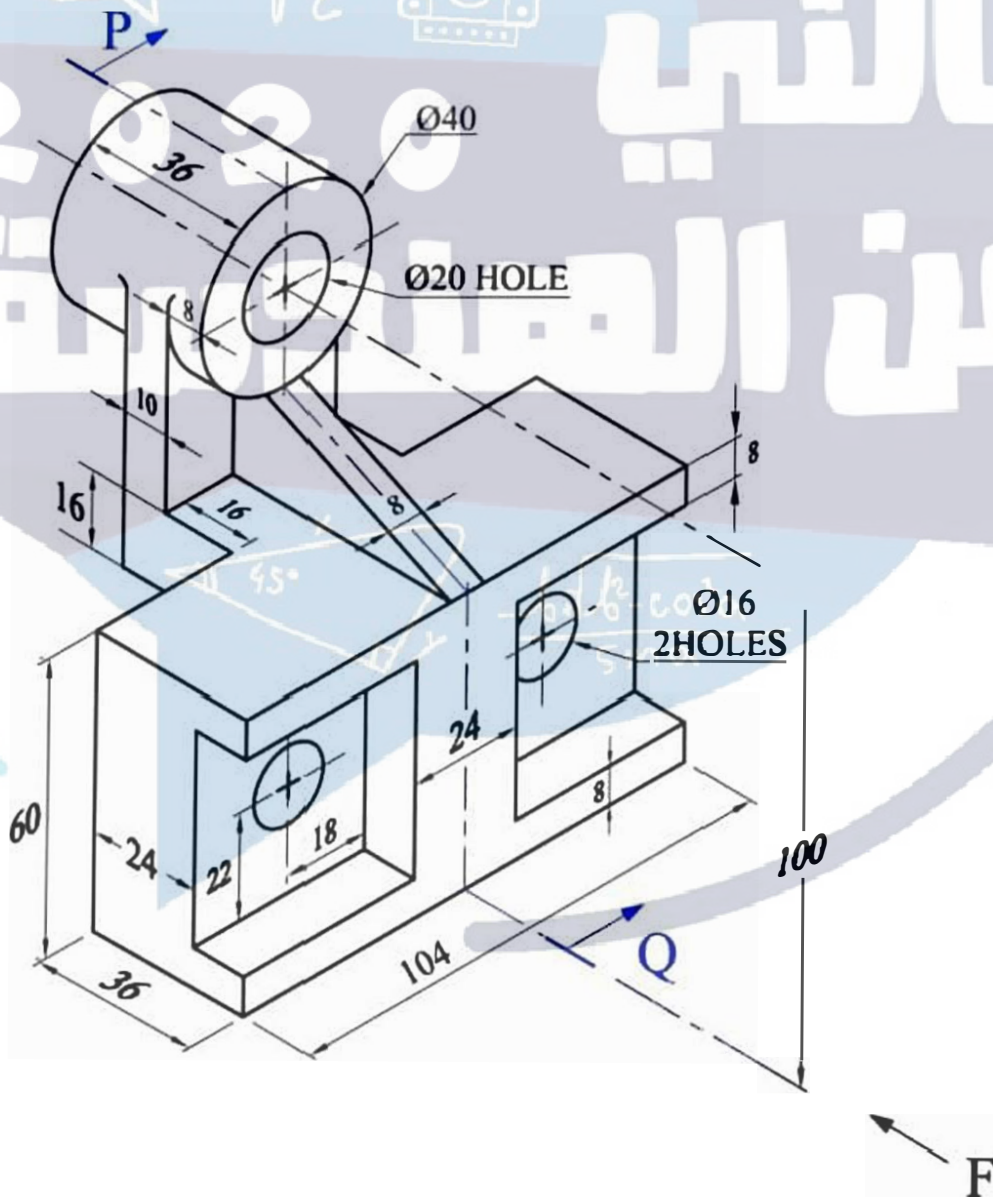10
25
18
80
24
40
84
A

Student Name:

FILE No. _____ *Section No. 1*

Problem (1): Draw the following 3D solid   *(15 Points)*
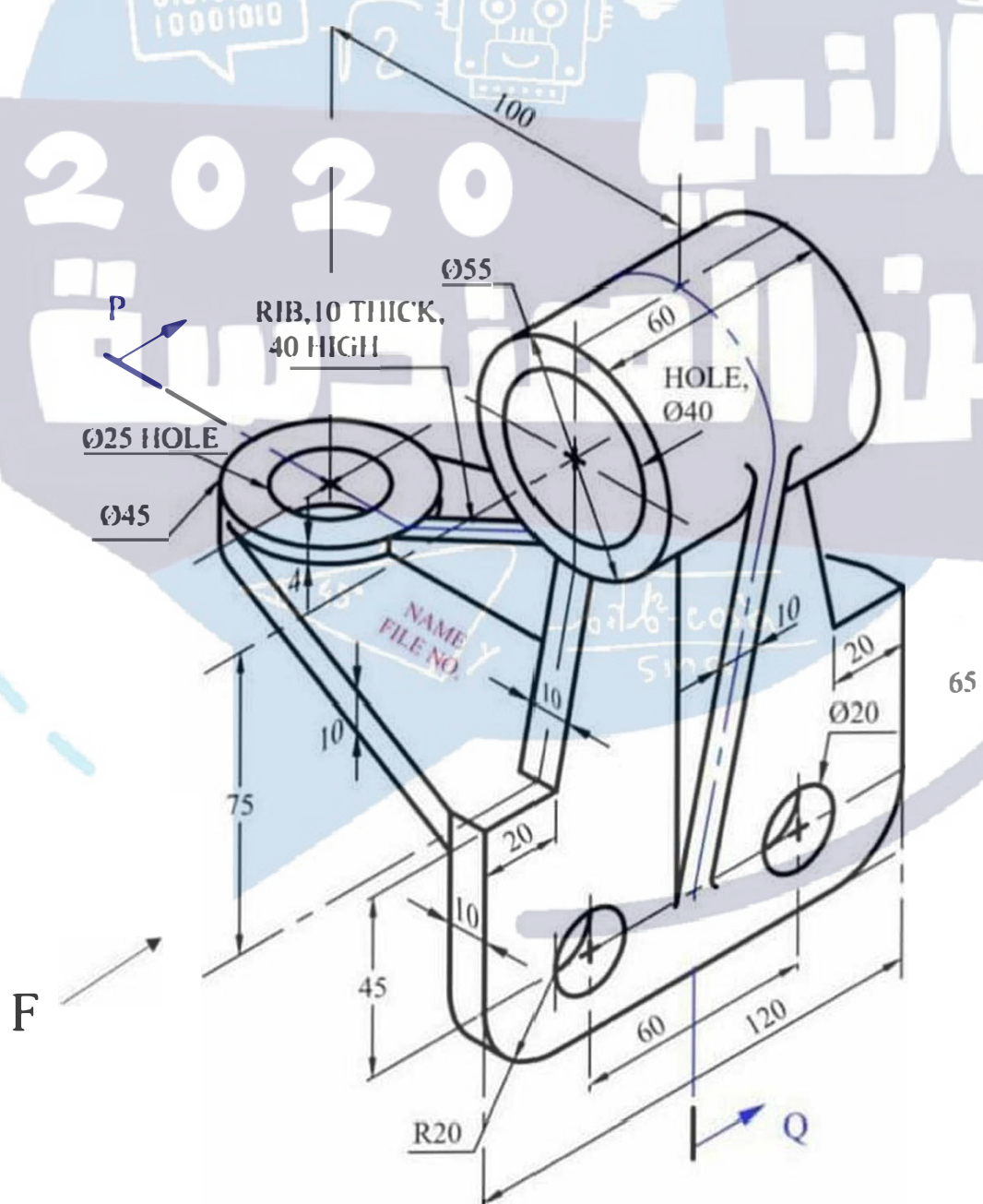
a. Use **one layer** for each of the following: (3D solid, Hatch, Text, and Dimensions).

b. Write your Name and File No. using **Text** command.

c. Make a slice to obtain the full left sectional view at **P-Q** (on a **copy** of the Figure), keep and **hatch** the back.

d. Add all dimensions as shown in the Figure.

University of Jordan
Mechanical Engineering Department
Engineering Drawing & Descriptive Geometry

Final Exam AutoCAD
Time: 60 min.

Spring 2019/2020

Student Name: _____ FILE No. _____ Section No. 9 (B)

Problem (1): Draw the following 3D solid (15 Points)

a. Use one **layer** for each of the following: (3D solid, Hatch, Text, and Dimensions). (1 mark)

b. Write your **name and file number** as specified in the figure. (2 marks)

c. Make a **slice** to obtain the full **front** sectional view P-Q (on a **copy** of the Figure), keep and hatch the back. Then find the area of the hatched zone. Area = ... (Write it on the screen). (3 marks)

d. Add **all dimensions** as shown in the Figure. (4 marks)
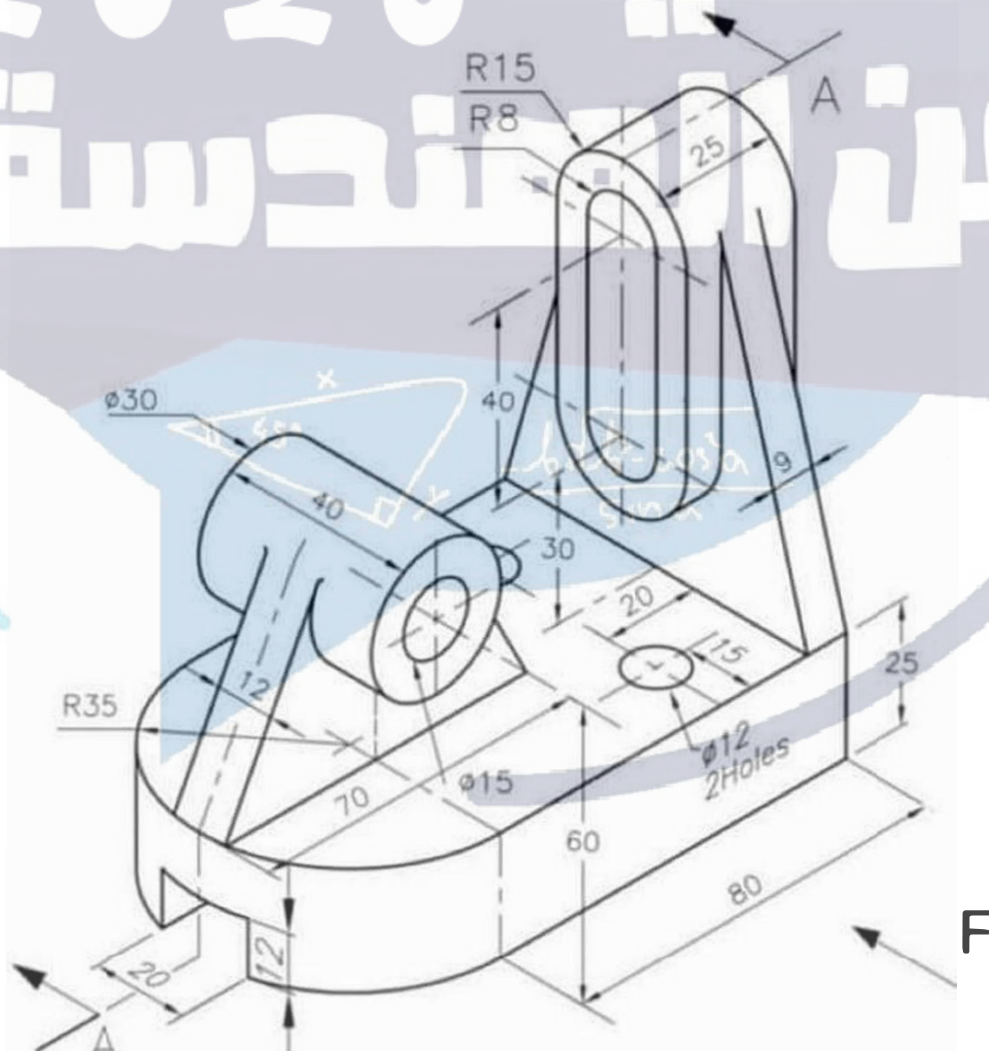
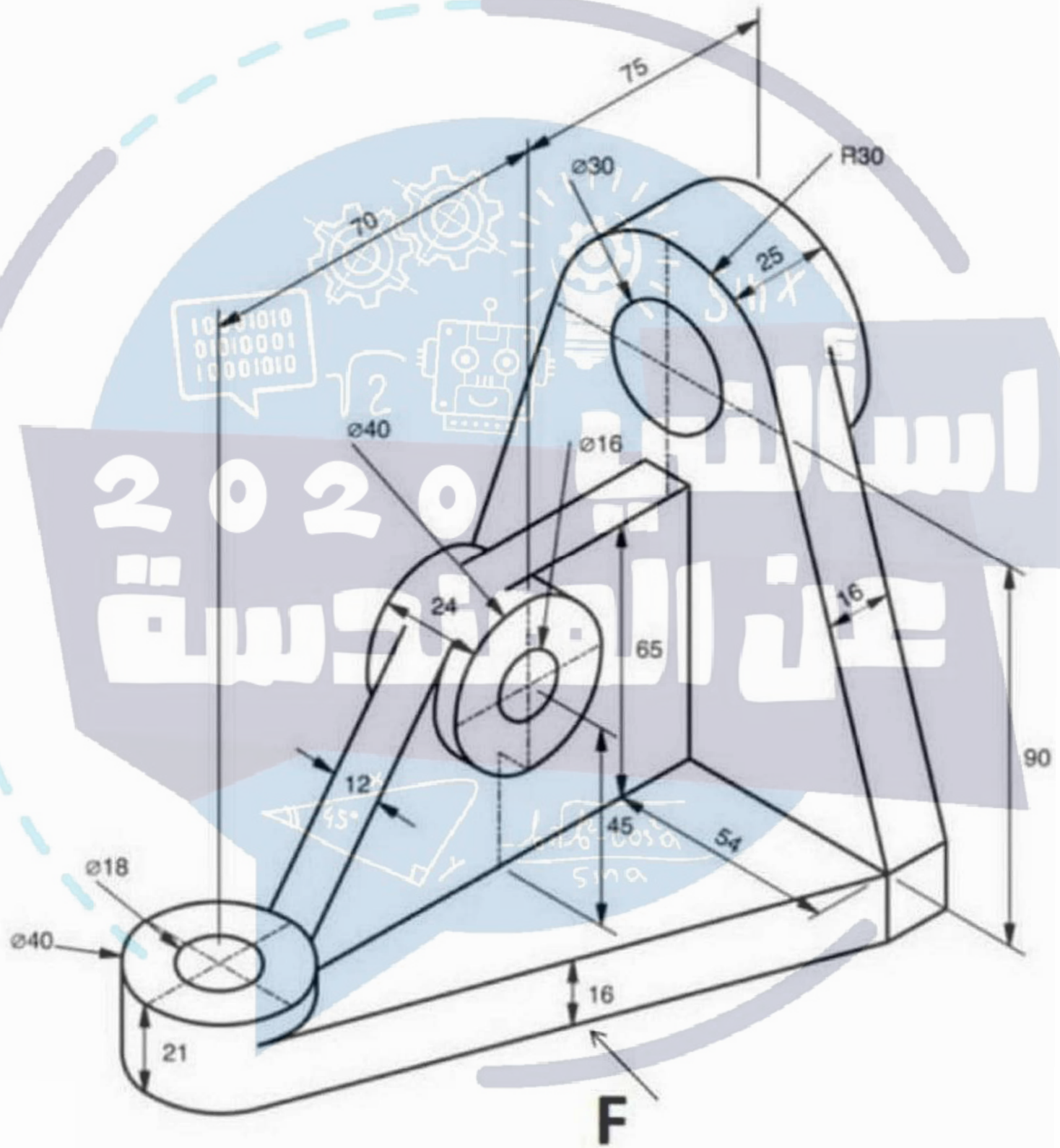**Final Exam AutoCAD - *Section 7*** Jan. 2021
90 min.

رسم السؤالين الاول و الثاني على نفس الملف و احفظ الملف باسمك مع رقم الفايل ثم كلمة فاينال
مثال Ali (751) Final AutoCAD

Problem (1): Draw the following 3D solid (15 Points)

a. Use one layer for each of the following: (3D solid, Hatch, Text, and Dimensions).

b. Write your ame and File o.

c. Take a slice to obtain the full front sectional view (on a copy of the Figure), keep and hatch the back.

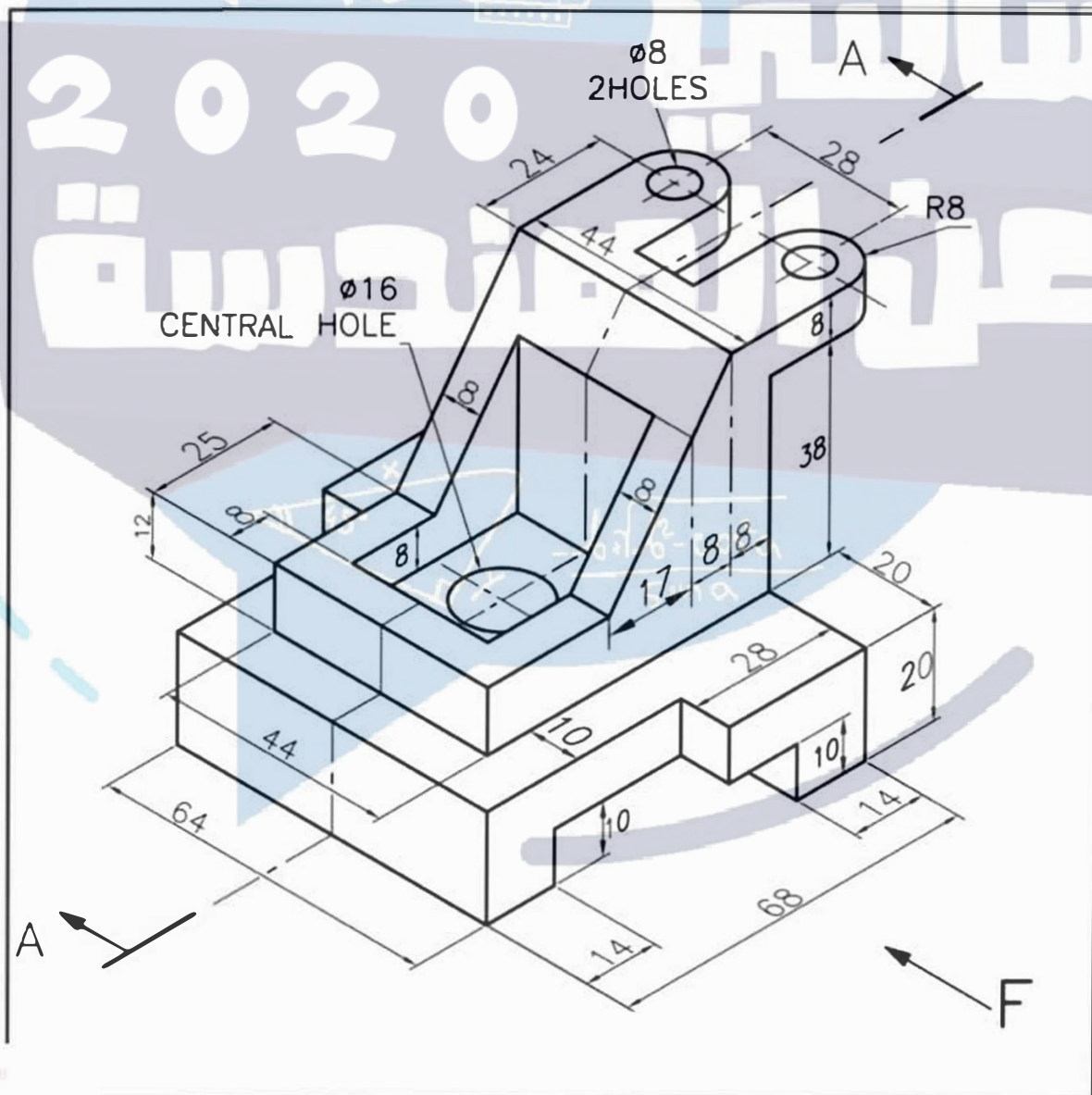d. Add all dimensions as shown in the Figure.

Final Exam AutoCAD - Section 4   Jan. 2021
90 min.

<div dir="rtl">

ارسم السؤالين الاول و الثاني على **نفس الملف** و احفظ الملف باسمك مع رقم الفايل ثم كلمة فاينال

مثال Ali (451) Final AutoCAD

</div>

Problem (1): Draw the following 3D solid   (15 Points)
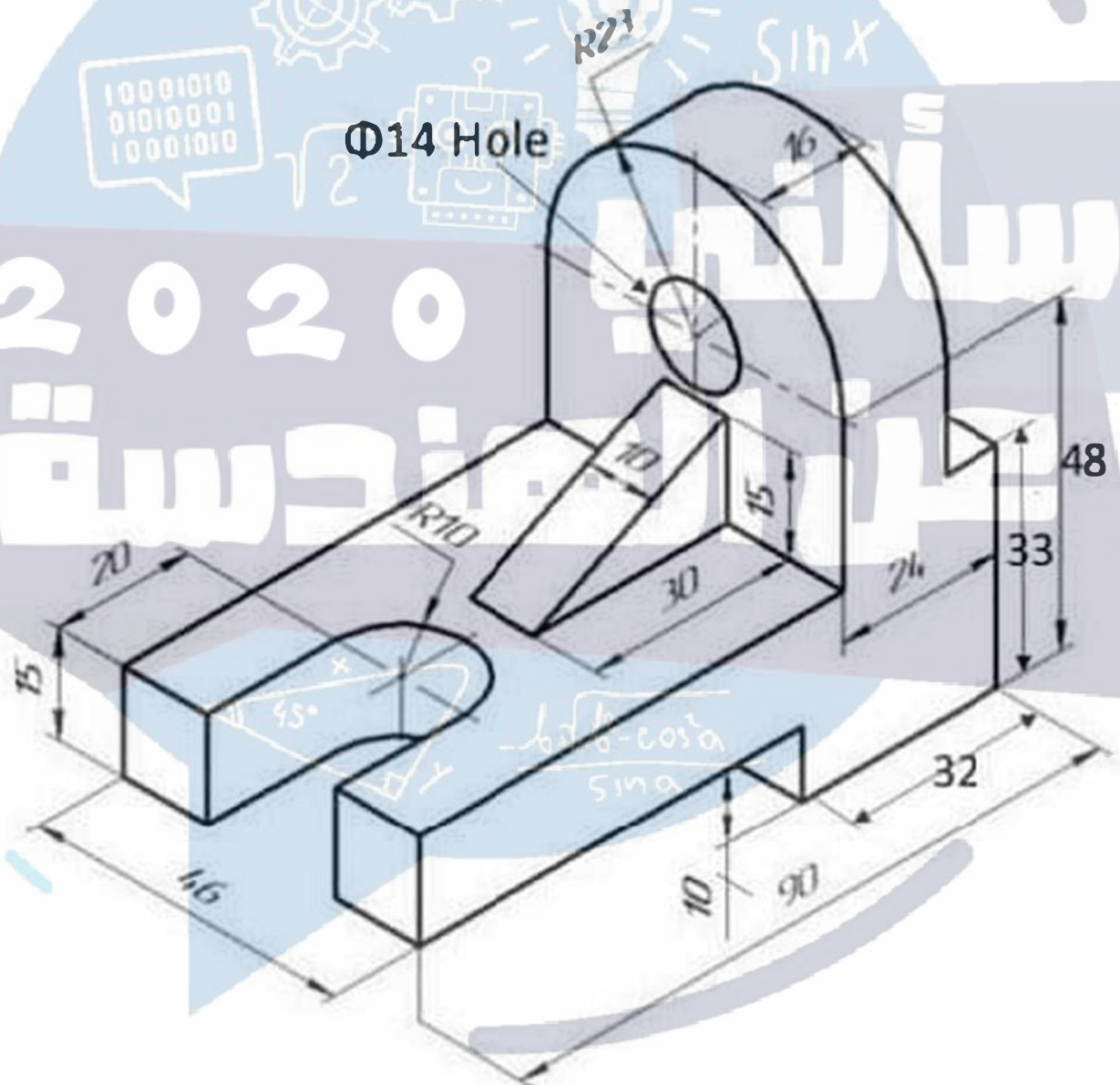
a. Use one layer for each of the following: (3D solid, Hatch, Text, and Dimensions).

b. Write your Name and File No.

c. Make a slice to obtain the full front sectional view (**on a copy of the Figure),** keep and
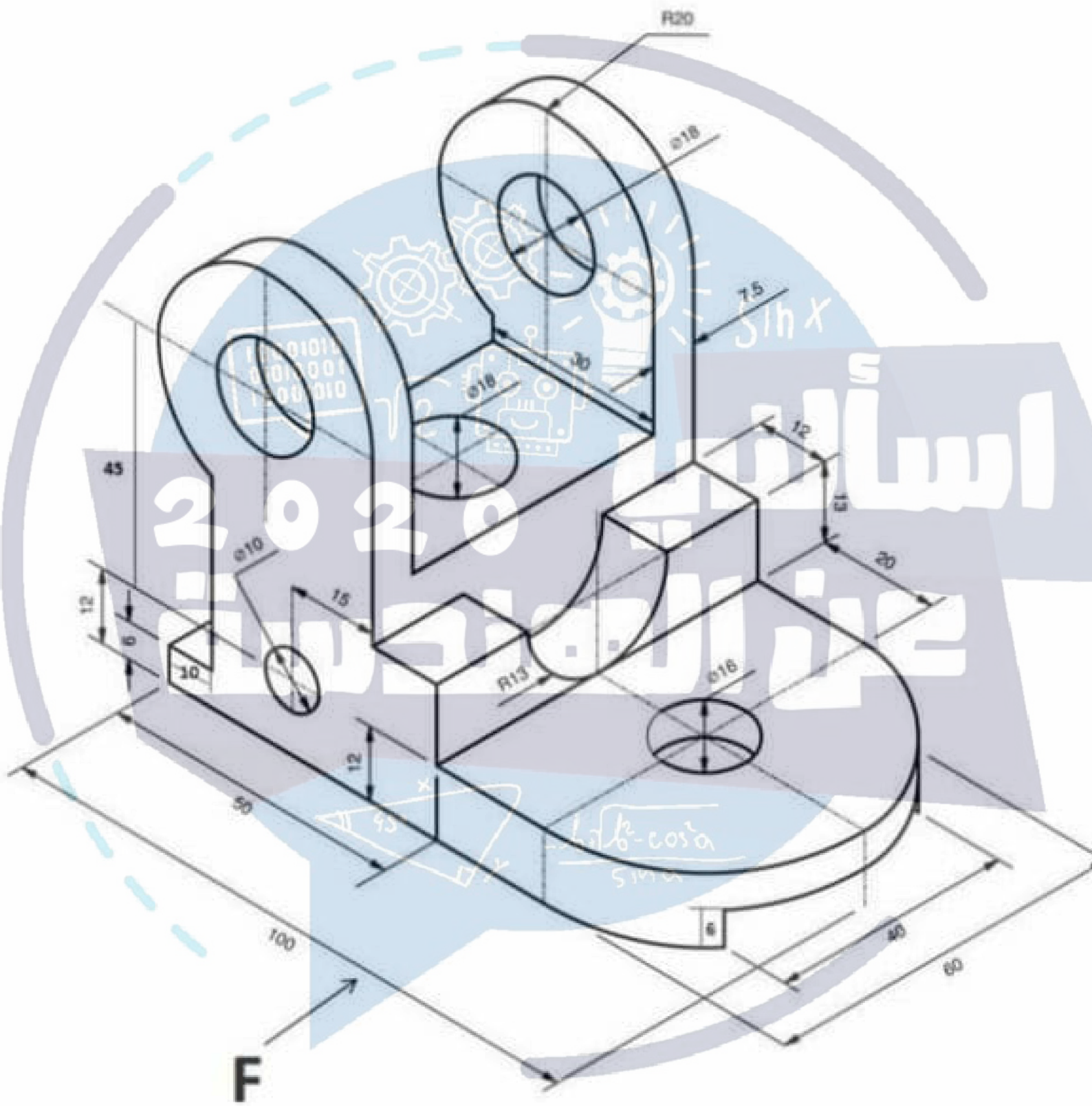   hatch the back.

d. Add **all** dimensions as shown in the Figure.

University of Jordan
Mechanical Engineering Department
Second Manual Exam   Engineering Drawing & Descriptive Geometry   1ˢᵗ semester. 2020/2021

Write your name on your answer sheet using Blue or Red pen

Problem One [Metric]: For the following solid; draw **Top** view, **left Side** View and **full sectional front** view.

(10points)

Φ14 Hole

R20

Ø18

7.5

$\sin X$

36

Ø18

45

Ø10

12

6

10

15

50

100

12

13

20

R13

Ø16

12

45

6

40

60

F

University of Jordan
Mechanical Engineering Department
Engineering Drawing & Descriptive Geometry

Final Exam AutoCAD
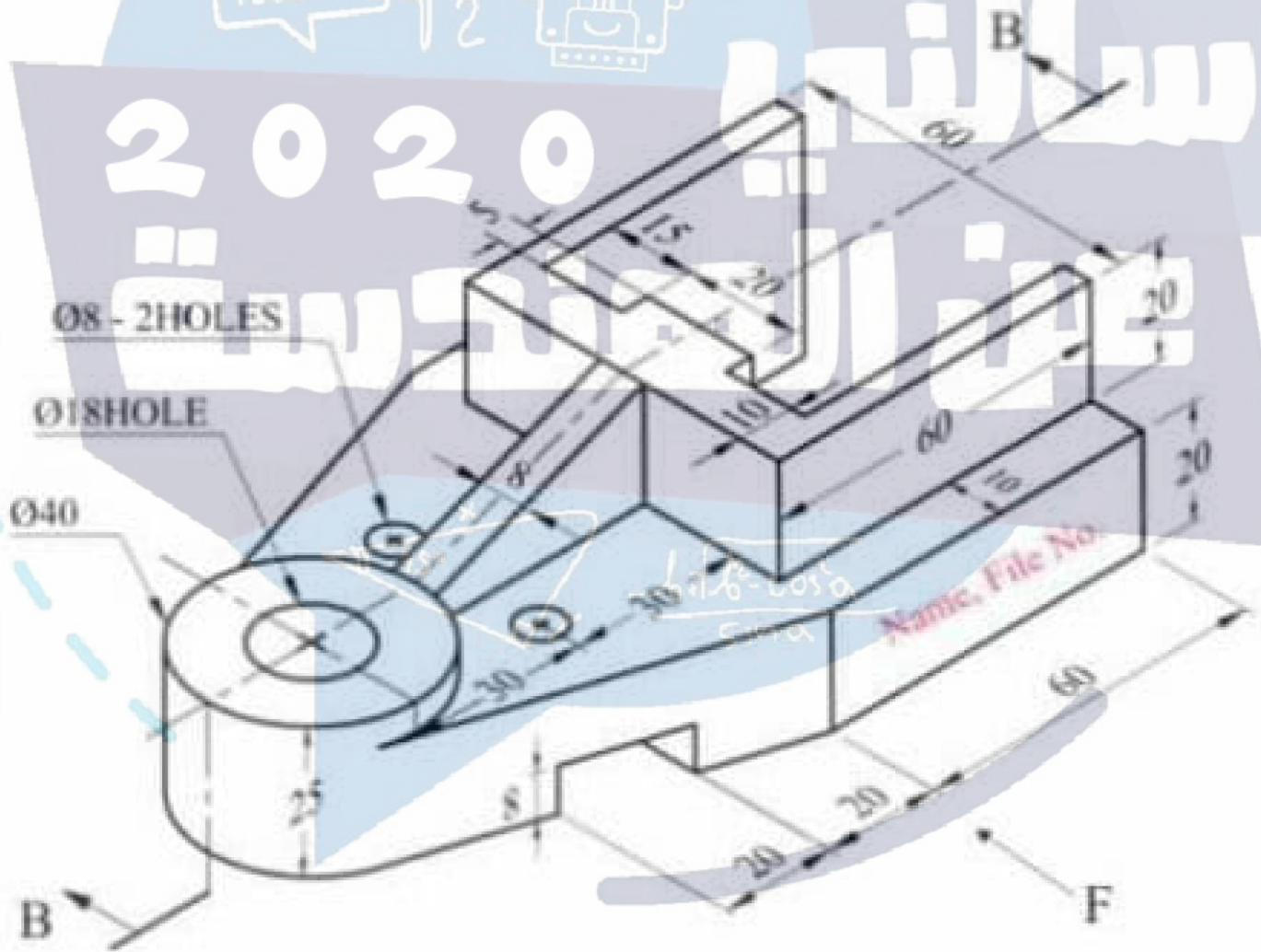Time: 60 min.

Spring 2019/2020

Student Name: _____ FILE No. _____ Section No. 1 (A)

Problem (1) Draw the following 3D solid (15 Points)

a. Use one **layer** for each of the following: (3D solid, Hatch, Text, and Dimensions) (1 mark)

b. Write your **name and file number** as specified in the figure. (2 marks)

c. Make a **slice** to obtain the full **front** sectional view B–B (on a **copy** of the Figure), keep and **hatch** the back. Then find the area of the hatched zone. Area = ... (Write it on the screen). (3 marks)

d. Add **all dimensions** as shown in the Figure. (4 marks)

Ø8 – 2HOLES

Ø18HOLE

Ø40

B

B

F

Good Luck!

University of Jordan
Mechanical Engineering Department
Engineering Drawing & Descriptive Geometry

FINAL Exam ACAD
(25marks)

Section (5)

2ⁿᵈ 2019/2020

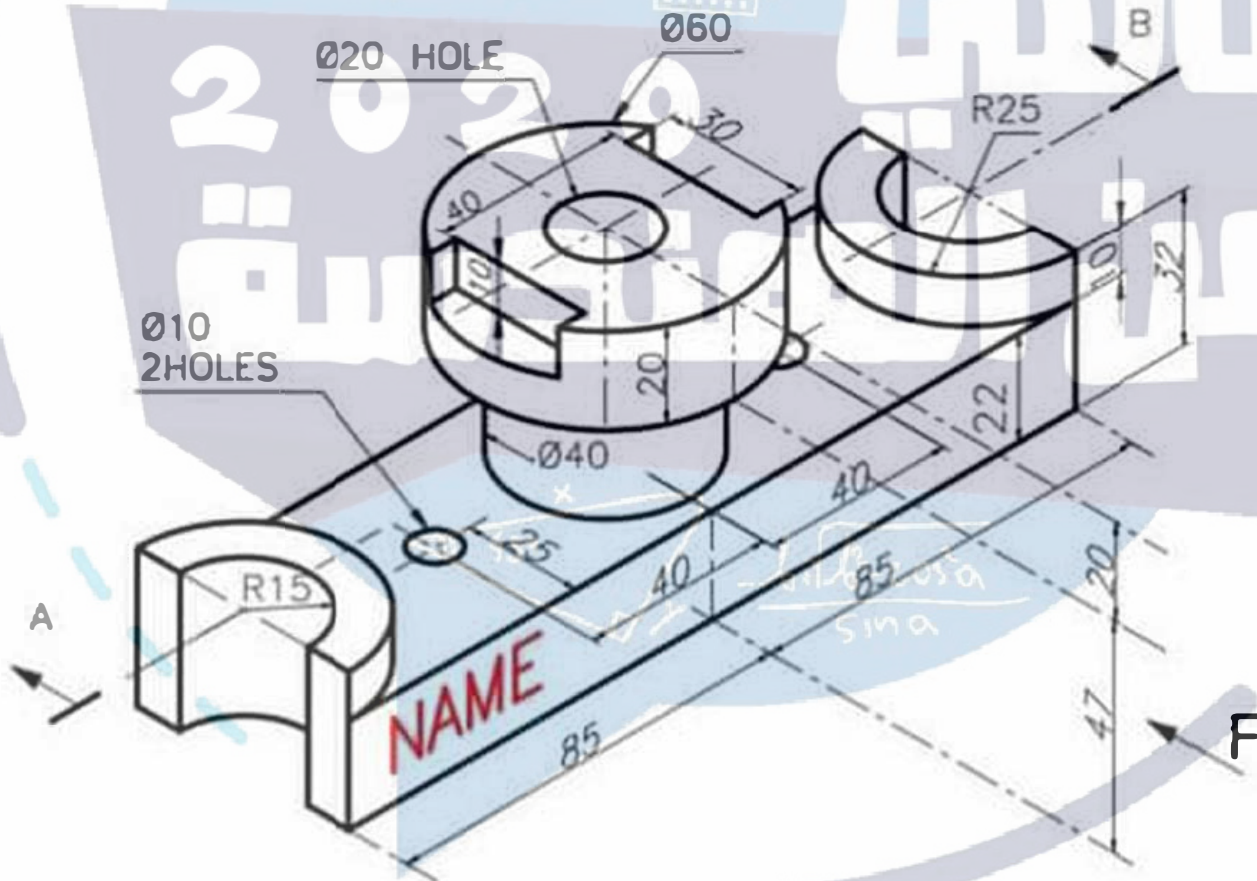**_Problem One [Metric]:_** _Draw the following 3D solid which is shown in the figure below (15marks)_

a . _Use one layer for each of the following :(3D solid, Hatch line, Dimension lines).(1 mark)_
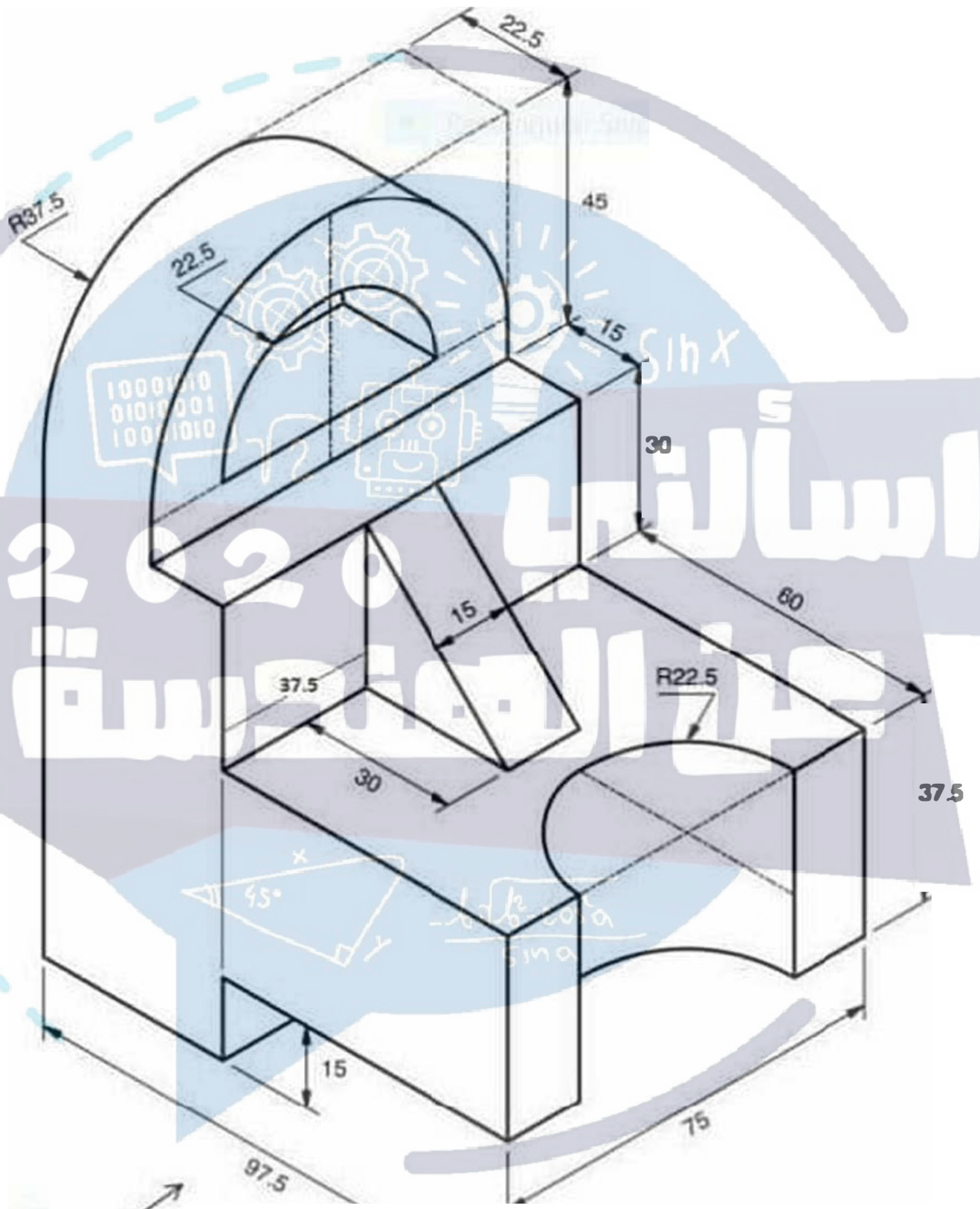
b. _Write your Name, File .No, Section ._

بإستخدام أمر TEXT اكتب اسمك داخل الرسمة بخط كبير و بإمكان المعبد بالرسمة (2 marks)

c. _Make a slice to obtain the full front sectional view (on a copy of the figure), keep the back and hatch the Section_ _(3 marks)_

d. _Add all dimensions as shown in the figure._ _(4 marks)_
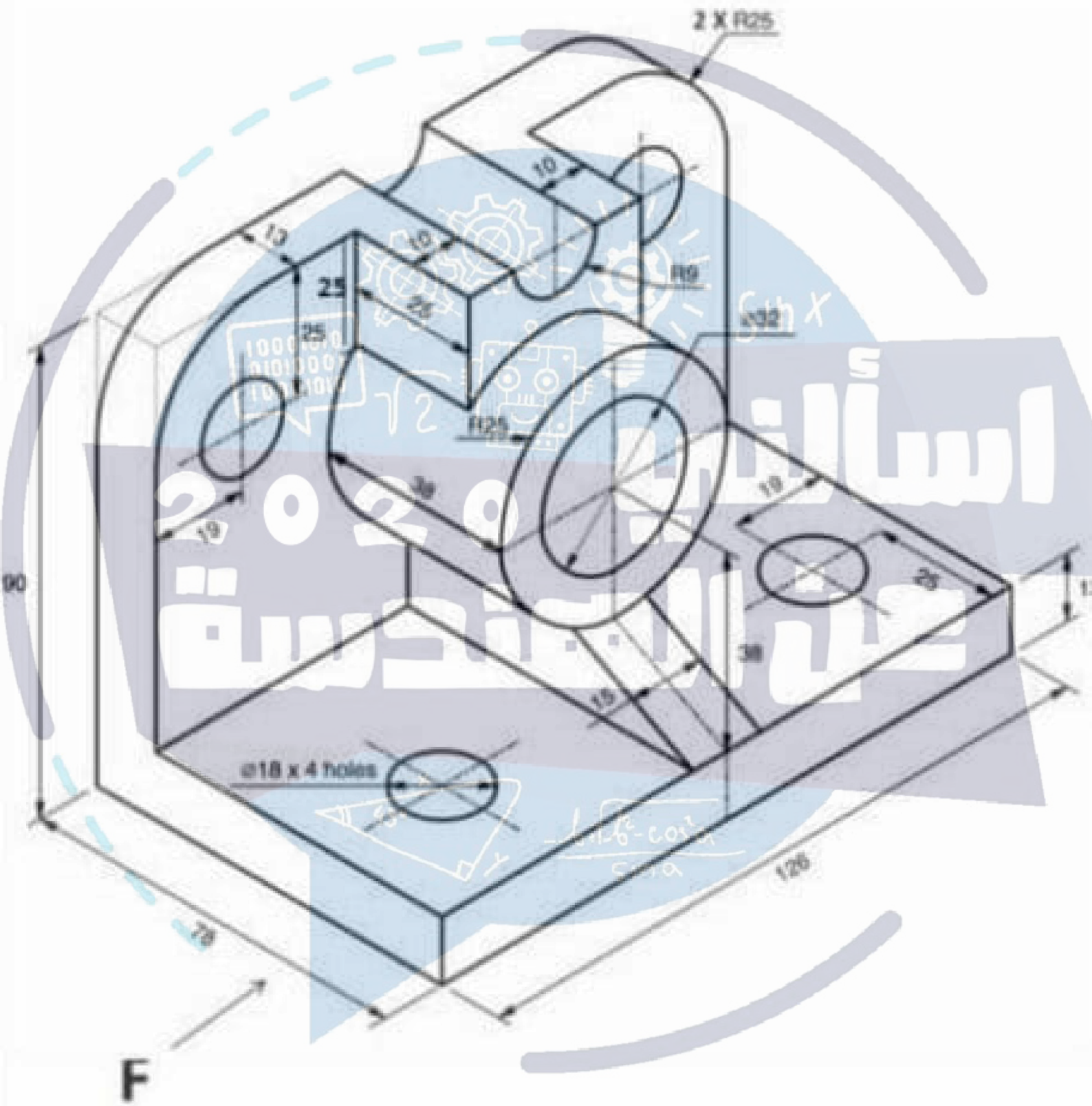

Eng. Salam Almajal

22.5

45

R37.5

22.5

15

Sin X

30

60

15

37.5

R22.5

37.5

30

45°

X

Y

15

75

97.5

F

2 X R25

10

13

25

26

25

R9

Ø32 X

√2

R25

19

19

30

25

90

15

30

Ø18 x 4 holes

126

78

F

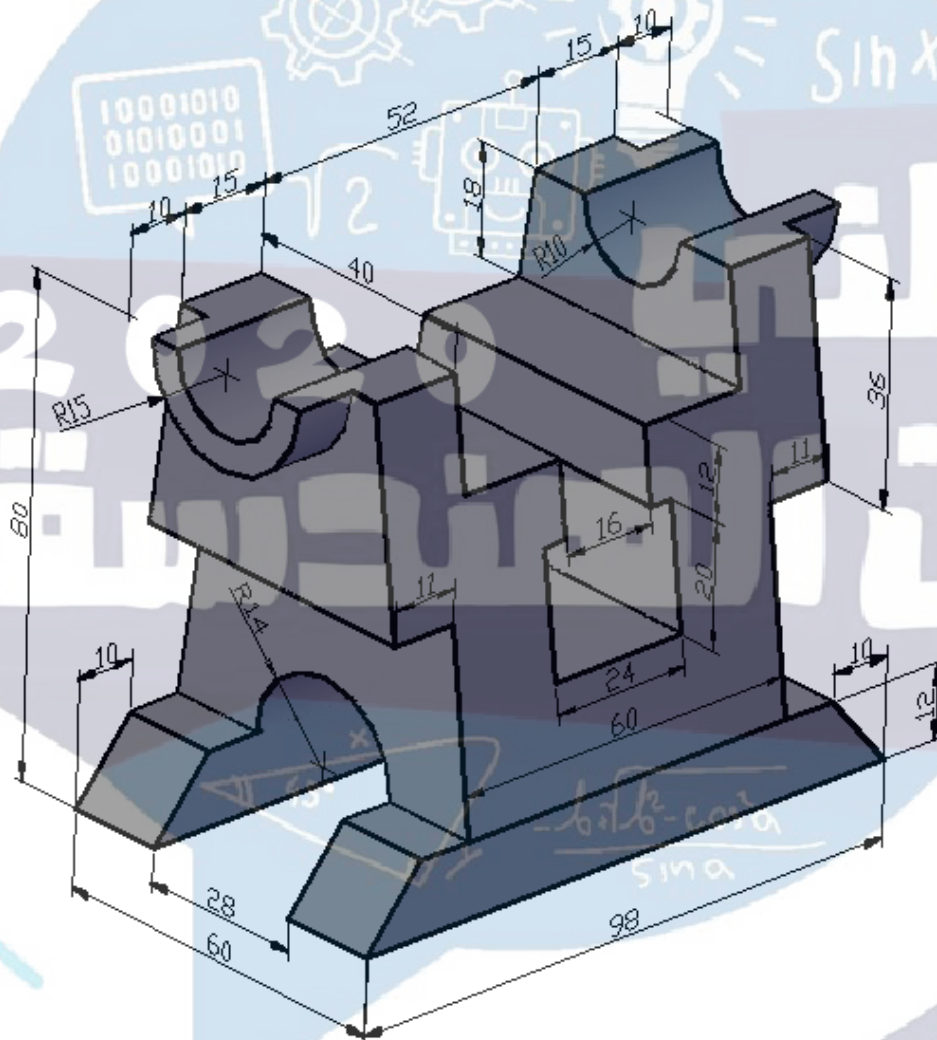**Q2:)** *Draw the following 3D solid which is shown in the figure below* **(15 points)**

a .Use one layer for each of the following :(3D solid, Hatch line, Text and Dimension line). **(1Points)**

b. Write your Name, Reg.No, Section No. **(1Points)**

c. Make a slice to obtain the **full front sectional** *view (on a copy of the figure) ,keep the back and hatch the Section* **(2 Points)**

d. Add all dimensions as shown in the figure. **(3Points)**

Front
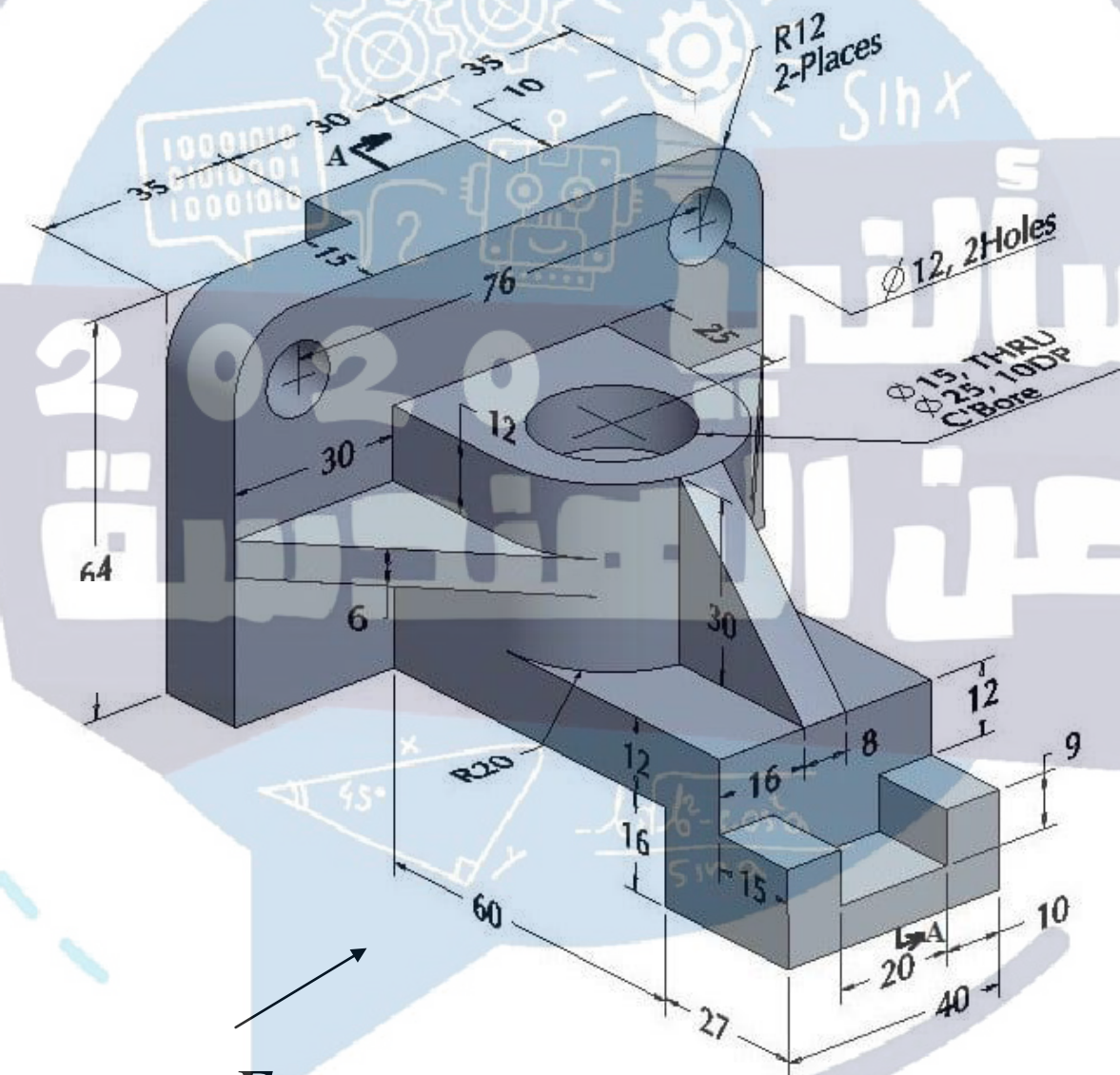
Good luck

Q2:) *Draw the following 3D solid which is shown in the figure below* **(15 points)**

a. Write your Name, Reg.No, Section No. **(1Points)**

*b. Make a slice to obtain the **full front sectional** view (on a copy of the figure) ,keep the back and hatch the Section* **(2 Points)**

c. Add all dimensions as shown in the figure. **(3Points)**

Front

Good luck