

**PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING**

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set N

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

26 April 2017

Instructions:

- i. Use (0,0) and (300, 200) grid limits only.
- ii. Write Name and ID number at one corner in AutoCAD drawing sheet.
- iii. Use other side of question paper for any rough work.
- iv. Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- v. Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

1. Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

1. Draw the isometric projections for orthographic views given in Fig. 2.

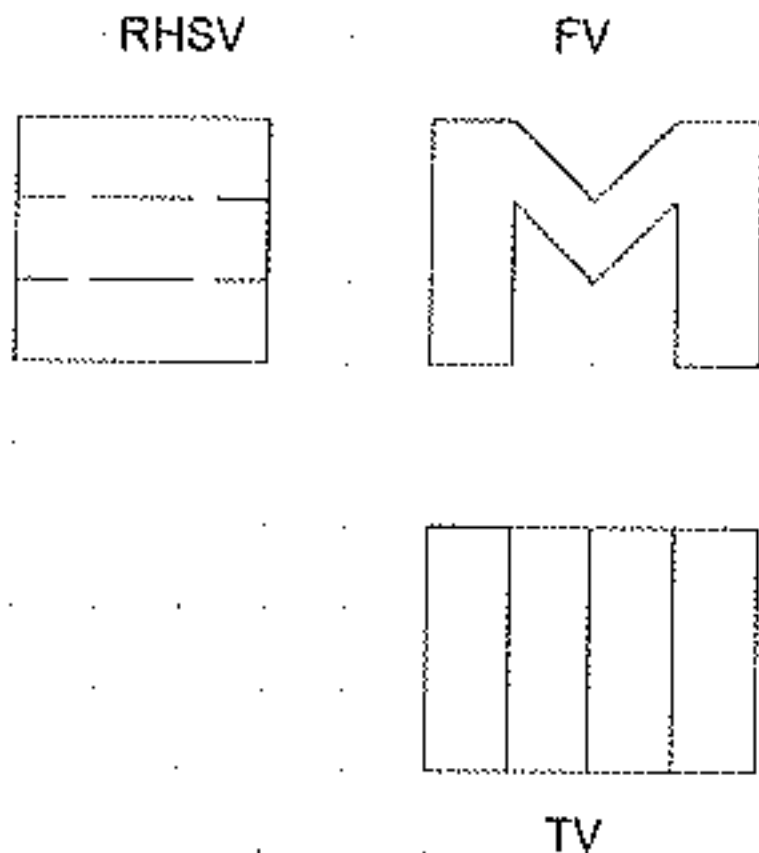


Fig. 1

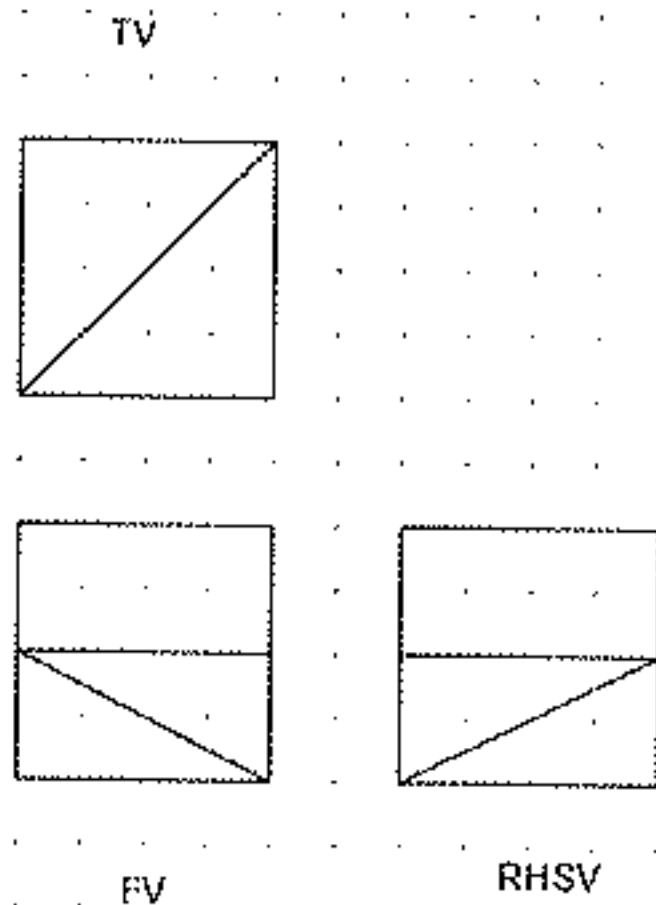


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set M

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

21 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

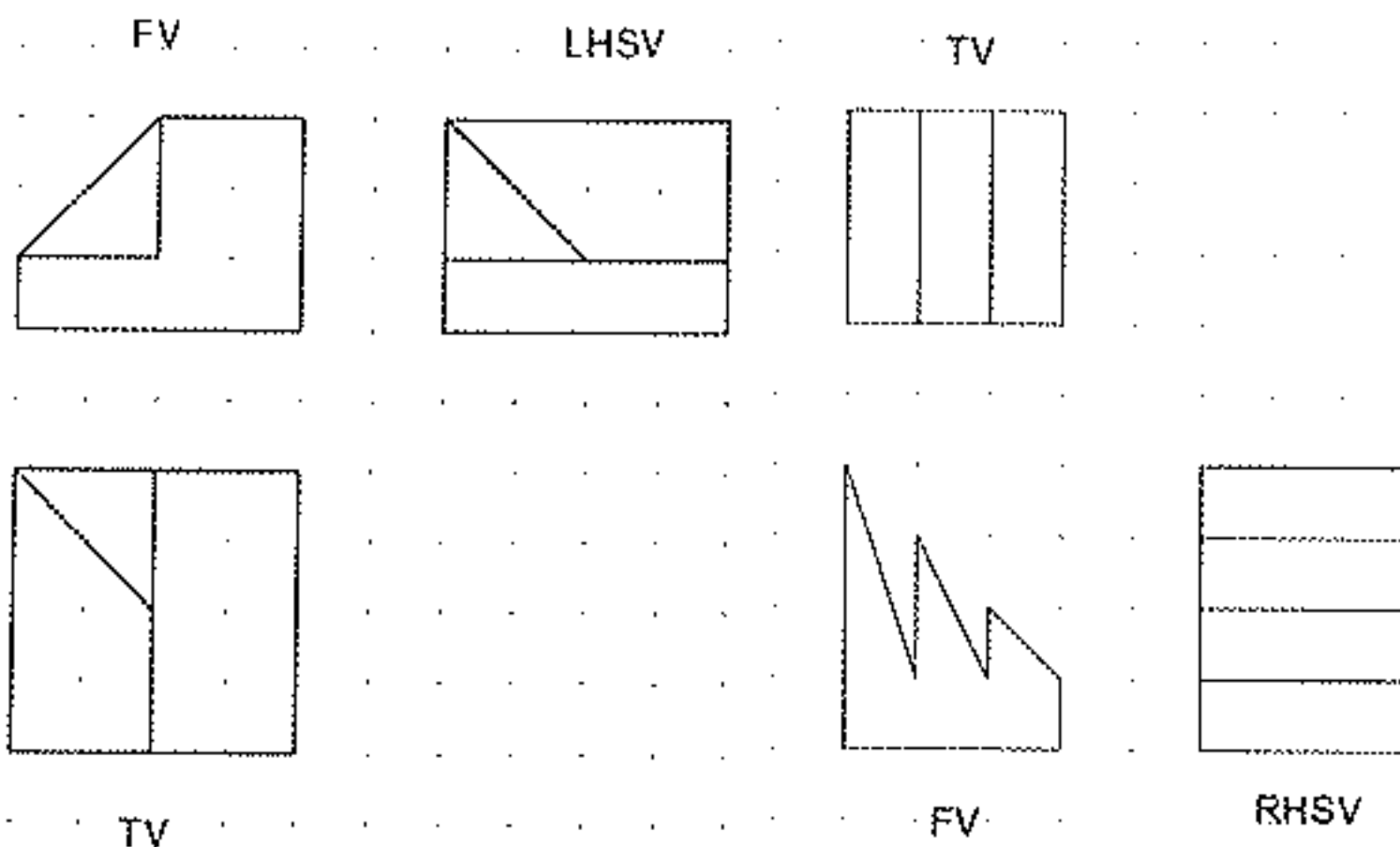


Fig. 1

Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set L

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

21 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

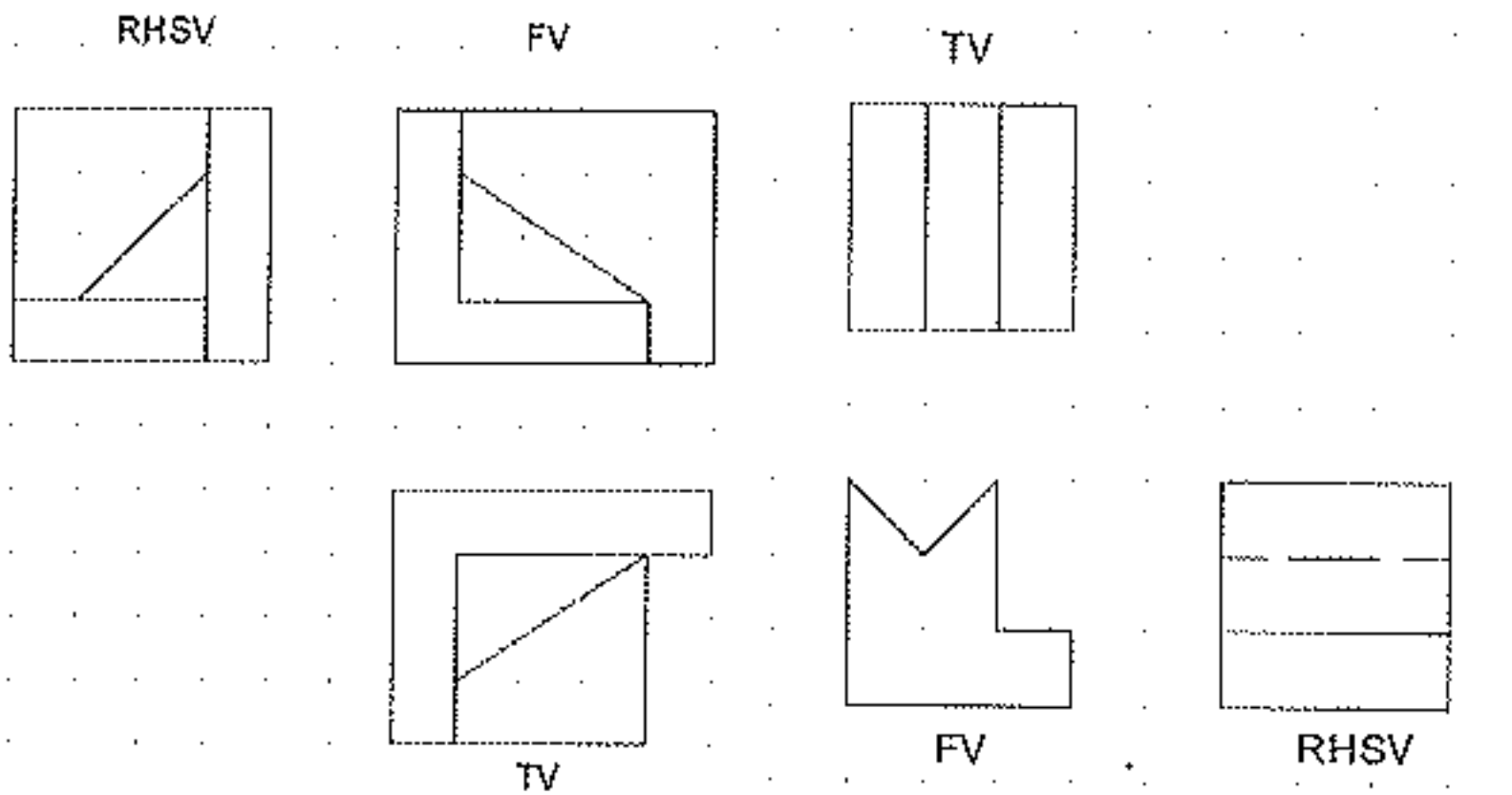


Fig. 1

Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set K

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

20 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

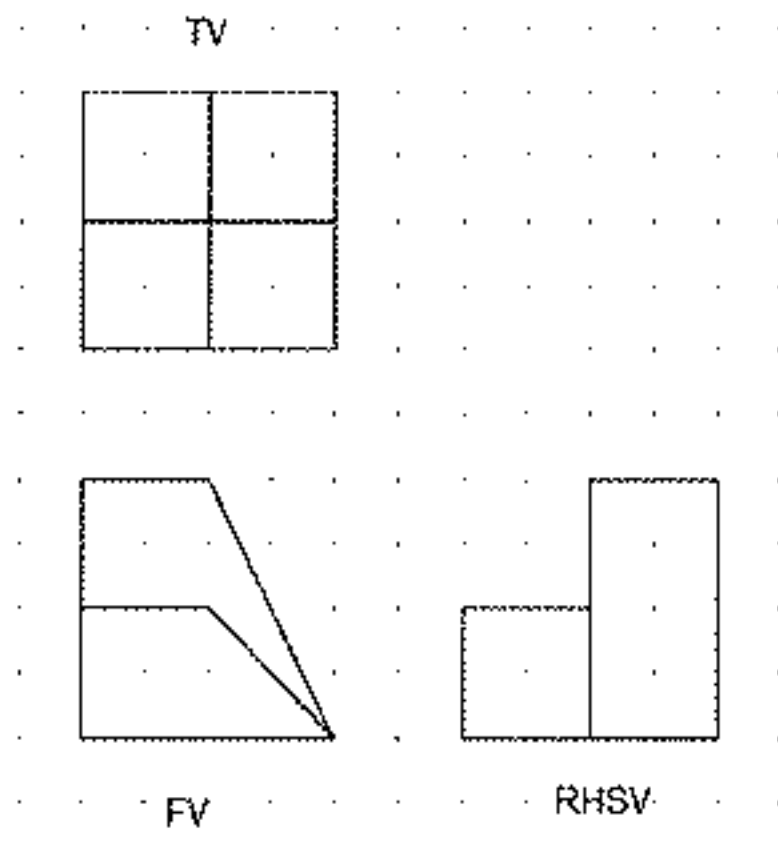


Fig. 1

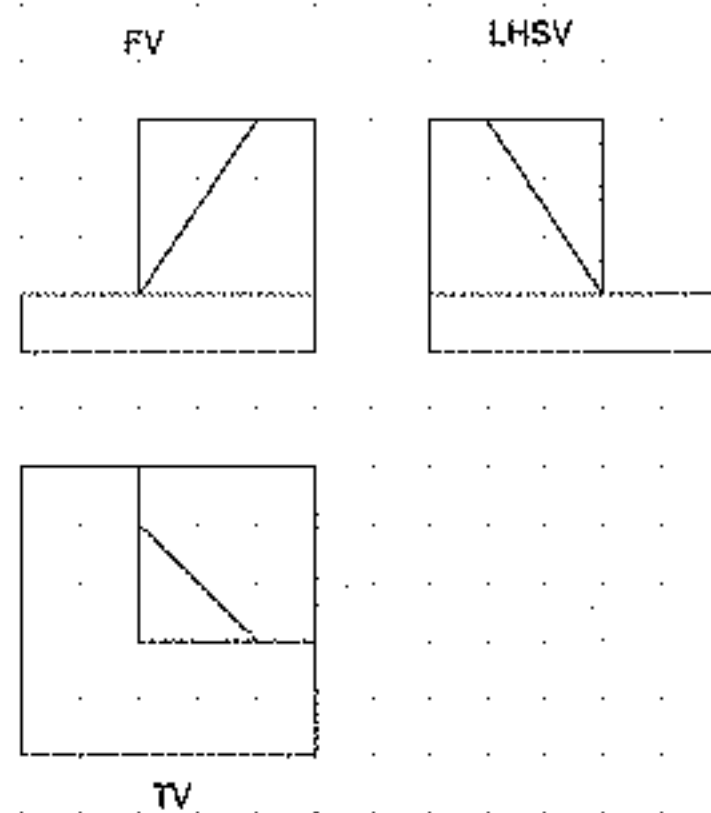


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set J

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

20 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

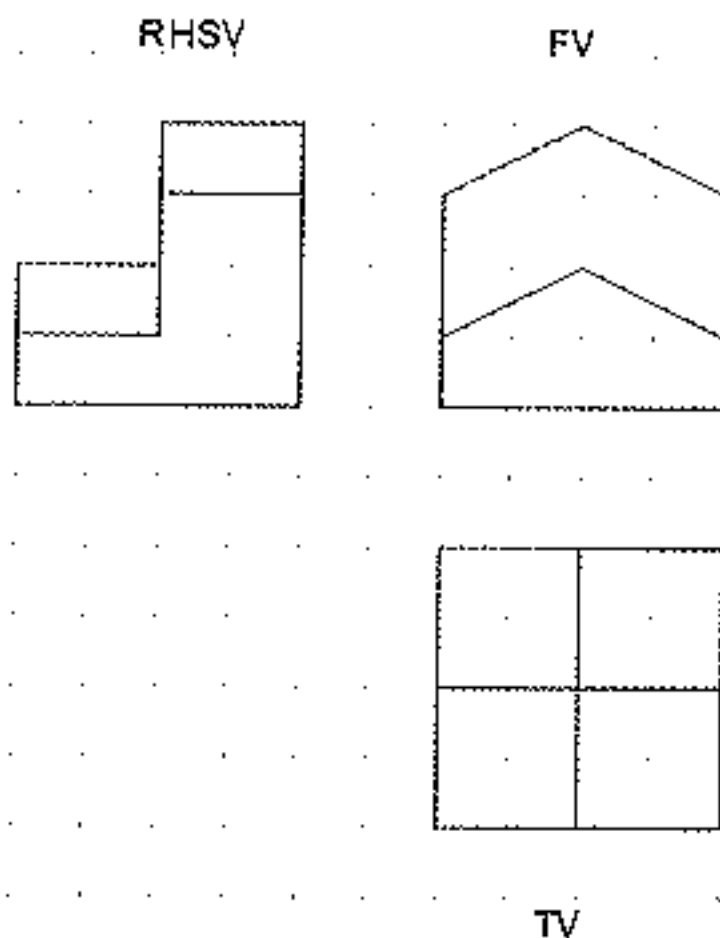


Fig. 1

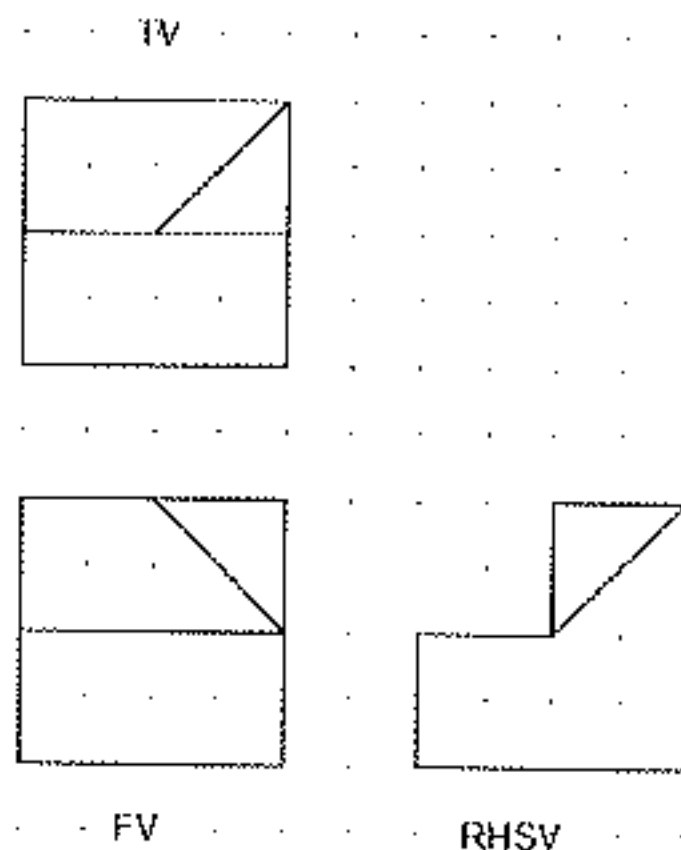


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set 1

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

19 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

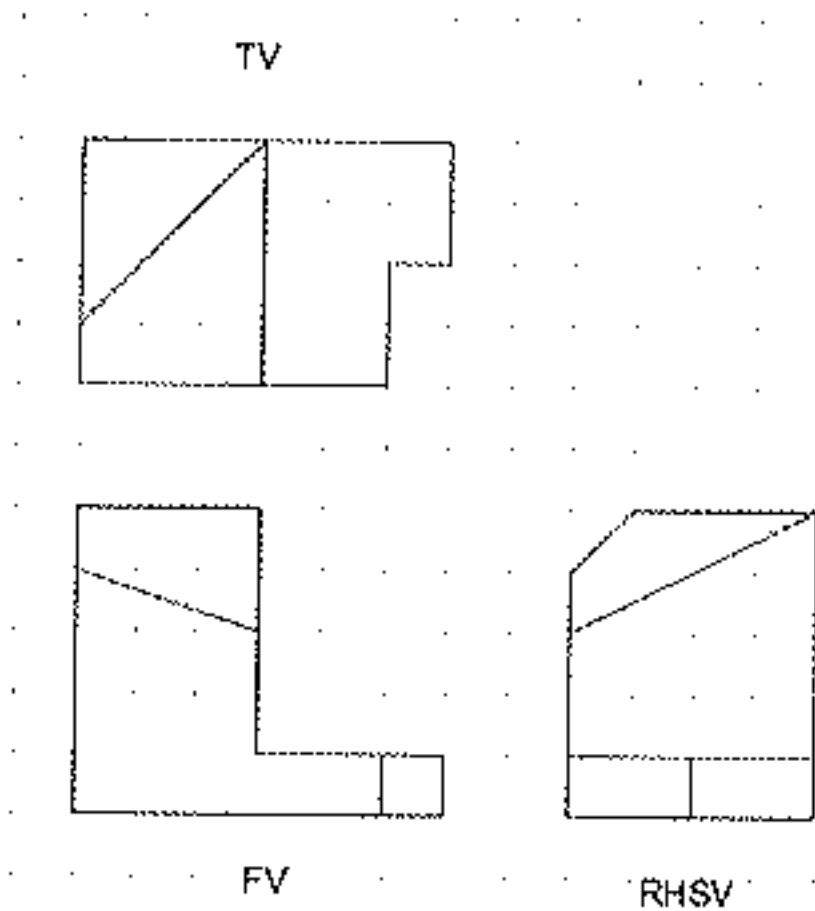


Fig. 1

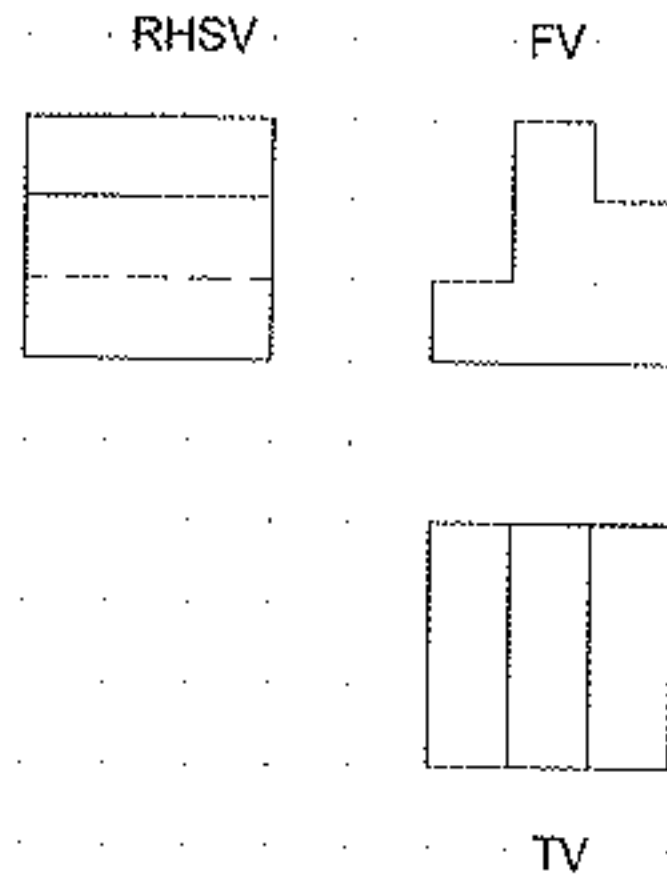


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set H

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

19 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

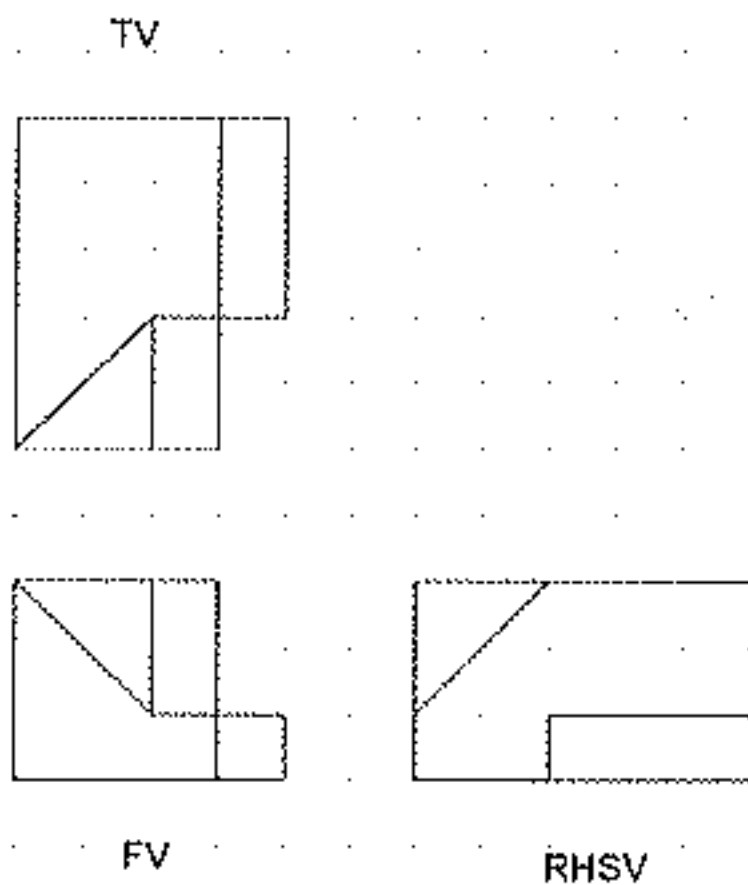


Fig. 1

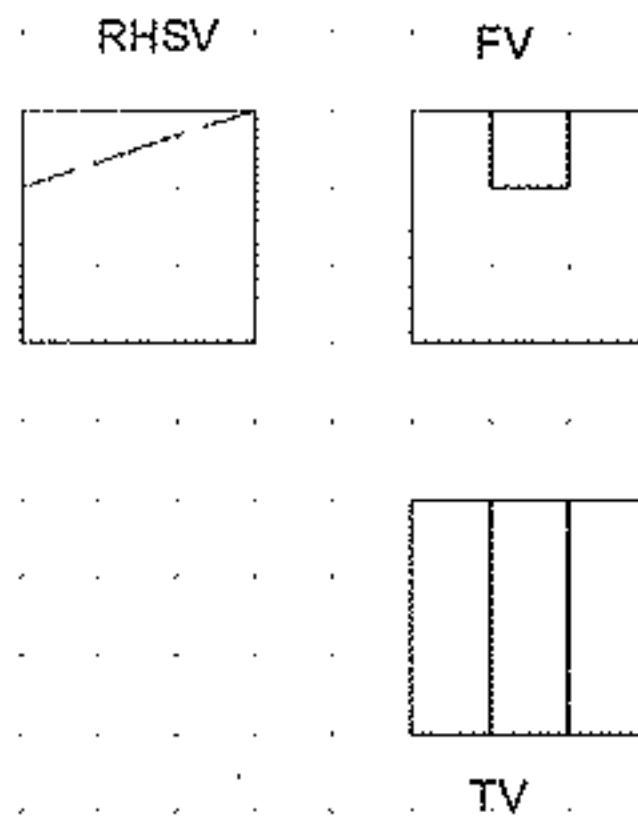


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set G

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

18 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

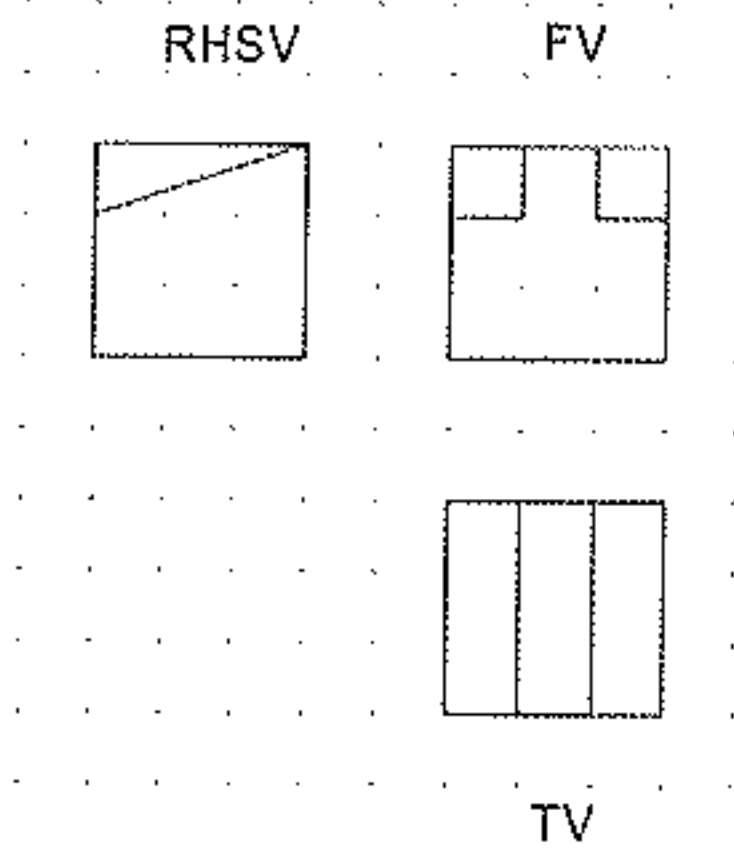


Fig. 1

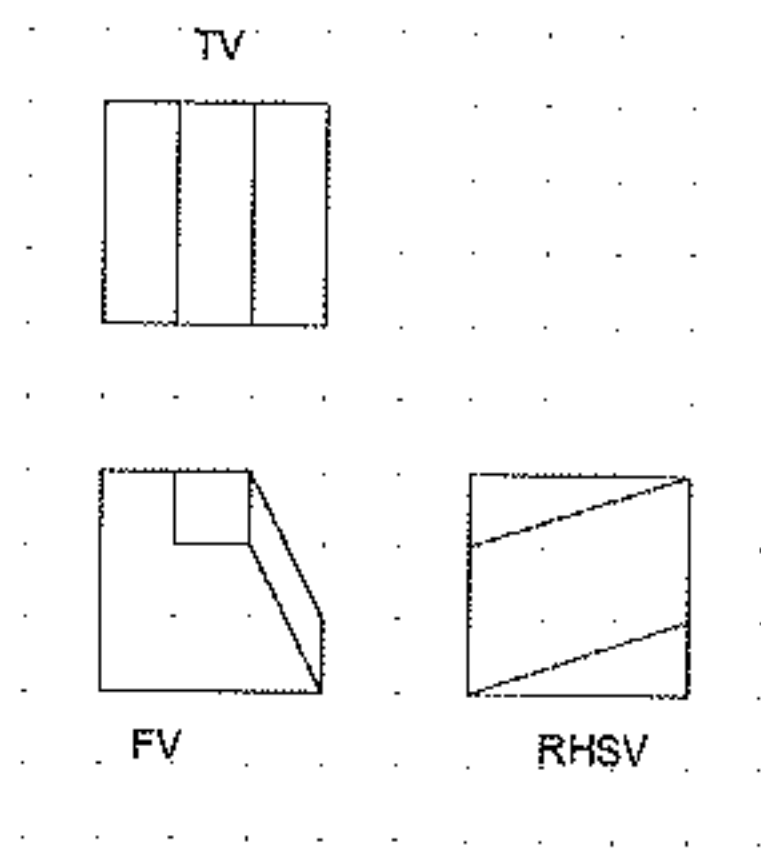


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set F

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

18 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

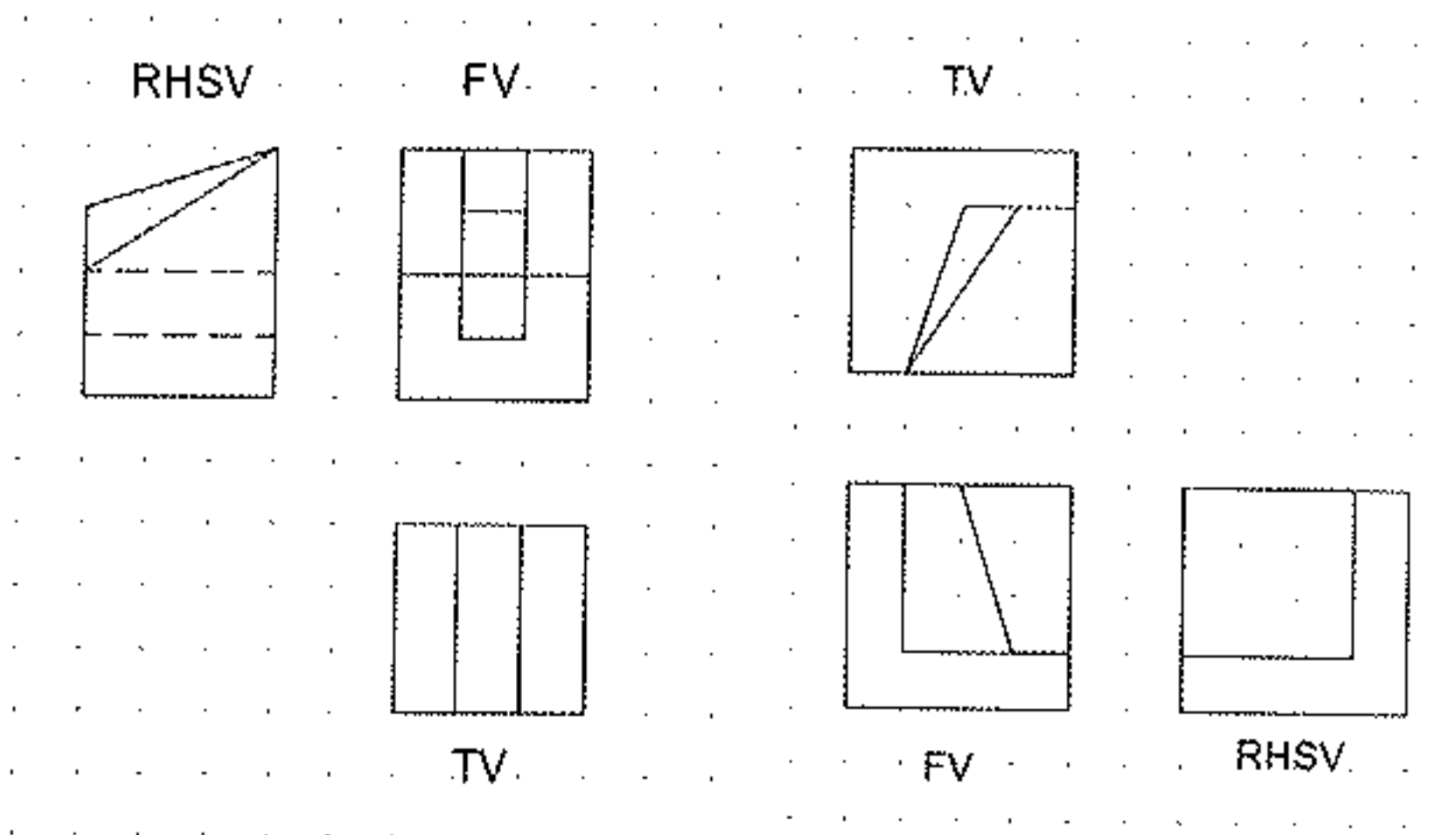


Fig. 1

Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins.

Weightage: 10 %

Set D

TEST 3

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

17 April 2017

Instructions:

- Use (0,0) and (300, 200) grid limits only.
- Write Name and ID number at one corner in AutoCAD drawing sheet.
- Use other side of question paper for any rough work.
- Save work time to time with file name as <ID No.> in CAPITAL letters compulsorily.
- Use Full Scale drawing only.

Part A

(1 Q x 12 M= 12 Marks)

- Draw the isometric projections for orthographic views given in Fig. 1.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the isometric projections for orthographic views given in Fig. 2.

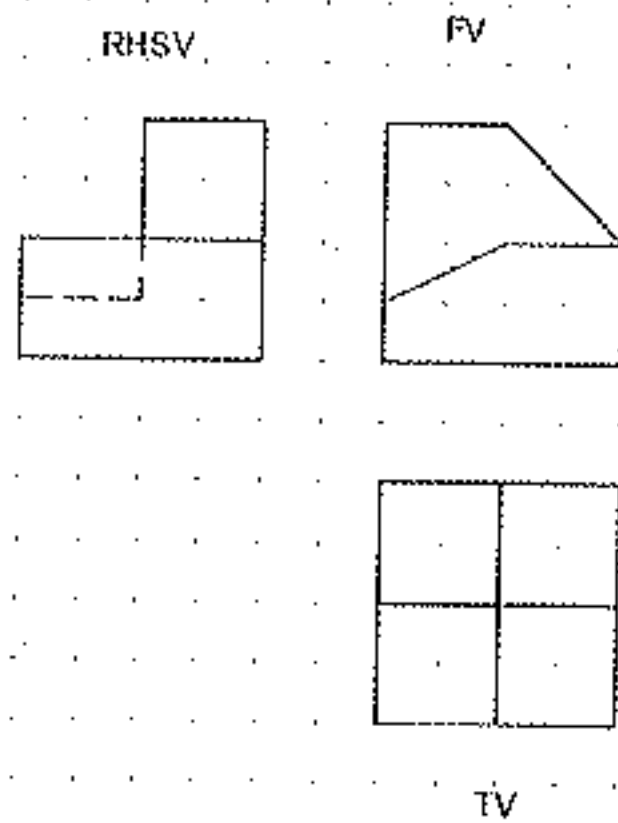


Fig. 1

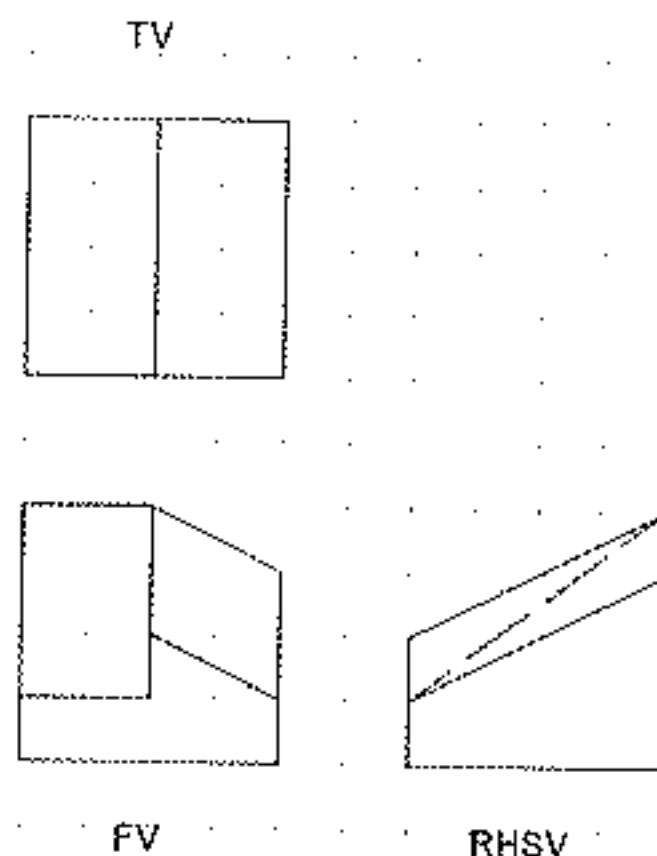


Fig. 2



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 50 Mins.

Weightage: 10 %

Set C

TEST 2

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

23 March 2017

Instructions:

- Scientific and non-programmable calculators are permitted.
- Geometry set is allowed but you may use free hand sketching.
- ALL DIMENSIONS ARE IN MM.**
- TAKE A REDUCED SCALE OF 1:10 FOR ALL DRAWING.**

Part A

(1 Q x 7 M= 7 Marks)

- Draw the FV and TV for the Fig. 1 using First angle method of projections. Also, apply proper dimensioning system.

Part B

(1 Q x 8 M= 8 Marks)

- Draw the FV, TV and LHSV for the Fig. 2 using First angle method of projections. Also, apply proper dimensioning system.

Part C

(1 Q * 5 M= 5 Marks)

- Draw the FV, TV and RHSV for the Fig. 3 using Third angle method of projections. Also, apply proper dimensioning system.

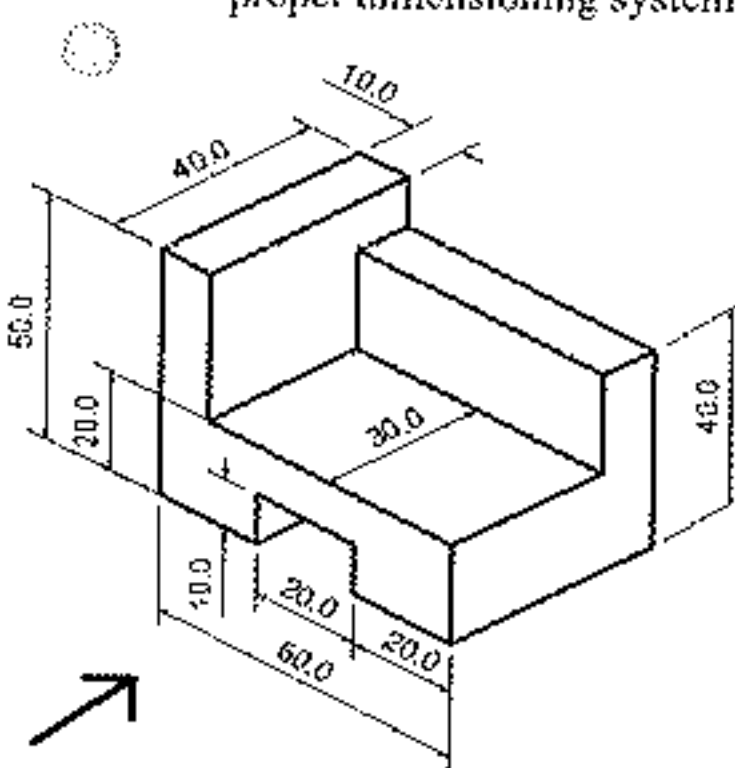


Fig.1

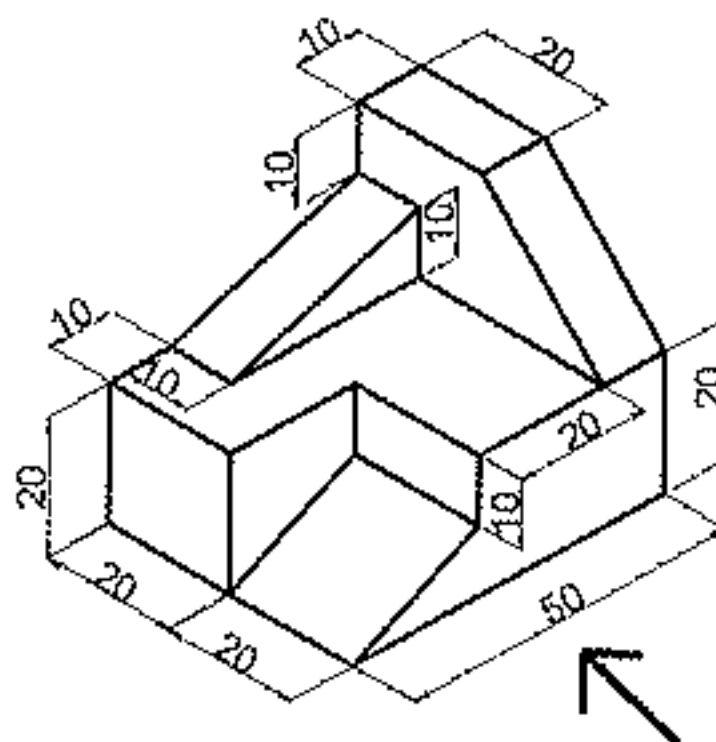


Fig. 2

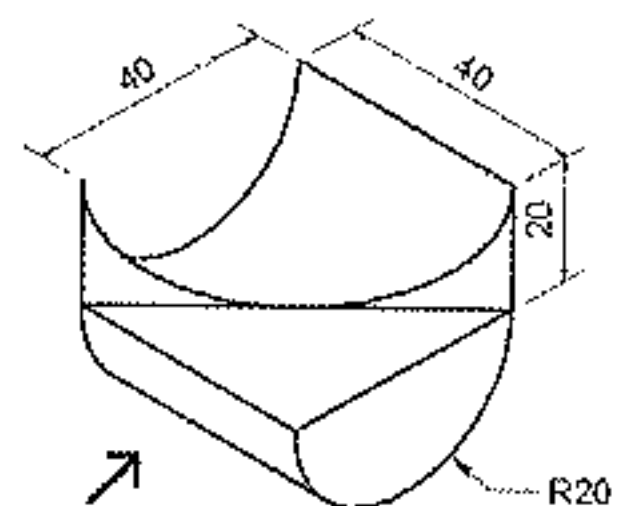


Fig. 3



PRESIDENCY UNIVERSITY, BENGALURU
SCHOOL OF ENGINEERING

Max Marks: 20

Max Time: 55 Mins

Weightage: 10 %

Set B

TEST 1

II Semester 2016-2017

Course: ME A 103 Engineering Graphics

23 February 2017

Instructions:

- Write legibly
- Scientific and non programmable calculators are permitted
- Use free hand sketching only.

Part A

(3 Q x 2 M= 6 Marks)

- What is projection? What are the elements of projection?
- Write two differences between Orthographic and oblique projections?
- What are the various types of drawing sheets? Mention the dimension of A4 size sheet in mm.

Part B

(3 Q x 3 M= 9 Marks)

- Which among the three dimensions (Width, Height and Depth) are seen/not seen in F.V, TV and S.V?
- Draw the symbols used to specify the 1st angle and 3rd angle method of projection?
- Differentiate between single view and multi view projections.

Part C

(1 Q x 3 M + 1 Q x 2M= 5 Marks)

- Identify various errors in the *figure 1*. Redraw the corrected sketch.
- A numerical value assigned to various entities shown in *figure 2*. Use aligned system along with parallel dimensioning pattern to dimension the entities. Redraw the sketch with dimensioning.

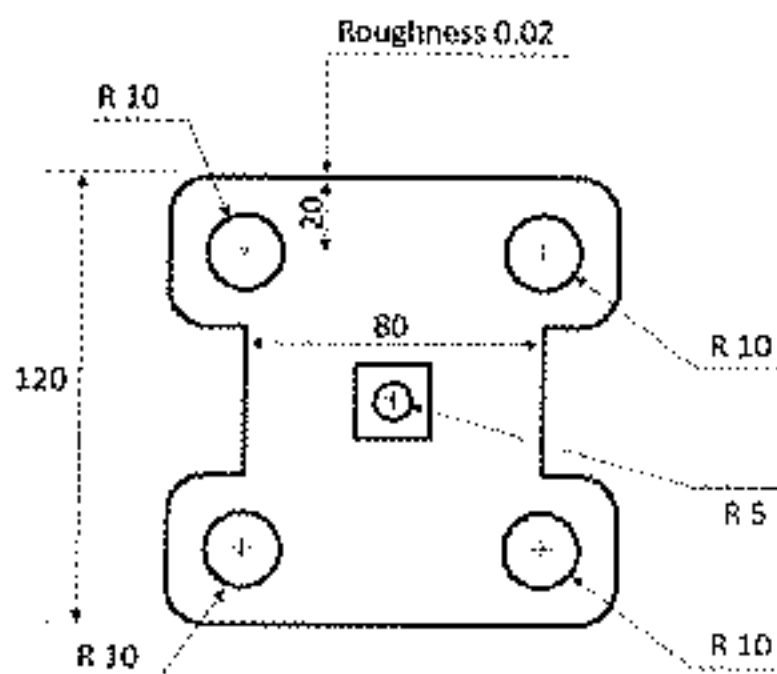


Fig. 1

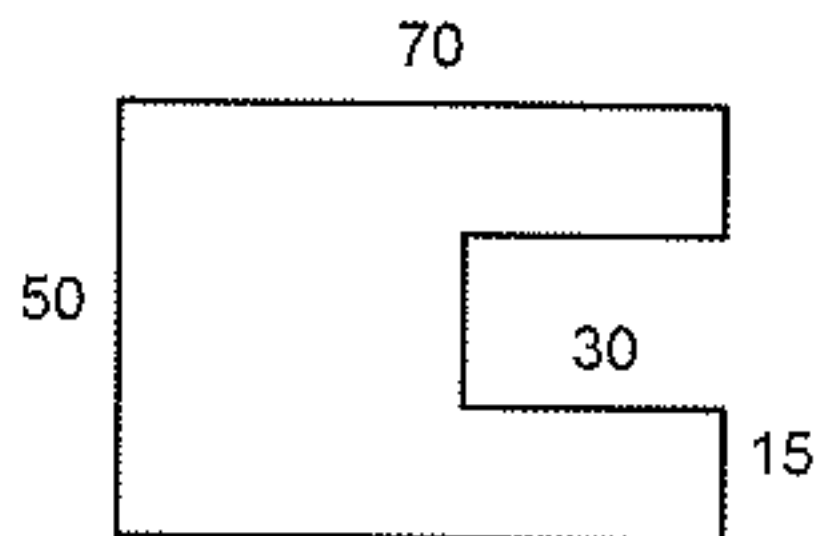


Fig. 2