

A

B

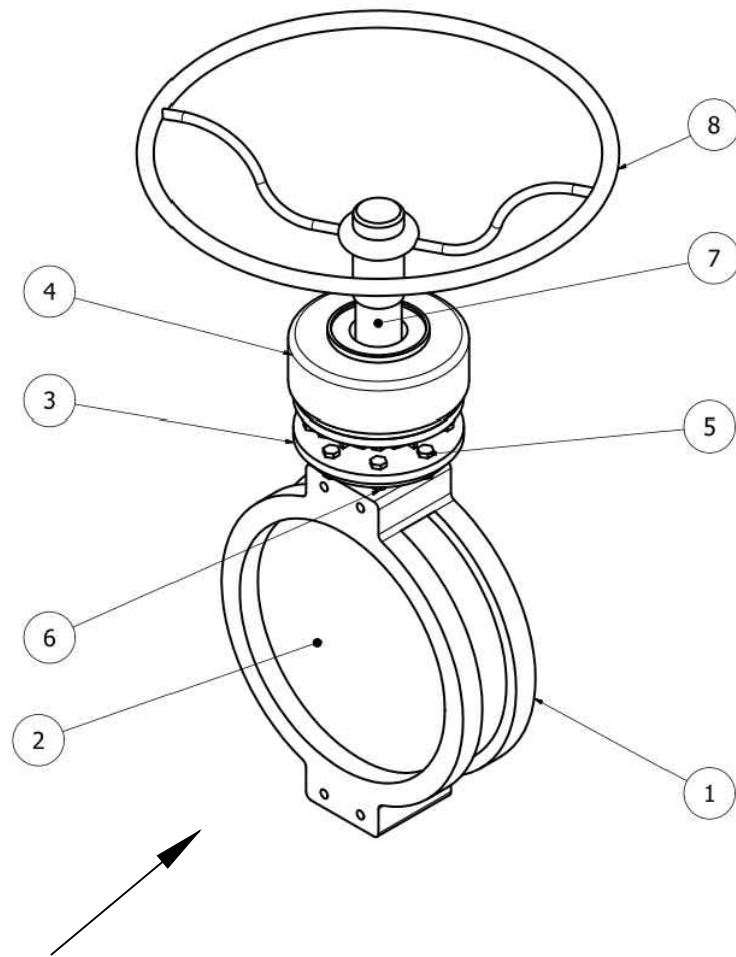
C

D

E

F

IF IN DOUBT, ASK

Figure 1

Q1: Assembly of a Valve is shown in the Figure 1 and the part drawings are shown in the adjoining figures.

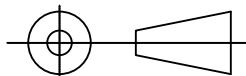
Draw the front view and sectional side view of the assembly. Arrow in figure 1 shows the front viewing direction.

USE SCALING FACTOR: 1/2 (i.e. 0.5)

The marks are divided in the following categories:

- | | |
|--------------------------------|-------------------|
| 1. Front View | (12 Marks) |
| 2. sectional Side View | (12 Marks) |
| 3. Hatching | (02 Marks) |
| 4. Cutting Plane | (02 Marks) |
| 5. Dimensioning | (01 Mark) |
| 6. Title Block and border line | (01 Mark) |

The name of an image will be "Token Number_Major_Entry No_Group No" (e.g. 205_Major_2019PH12345_01). This image you have to upload on moodle followed by the link <http://moodle.iitd.ac.in/>

DRN		DEPARTMENT OF MECHANICAL ENGINEERING, IIT DELHI		
CHKD		MCP 100 :ENGINEERING VISUALIZATION & COMMUNICATION		
APPD		II SEMESTER		AY 2019-2020
		RE-MAJOR EXAM: MCP 100		TITLE: ASSEMBLY RM.02
		PAPER 2: MANUAL BASED		PART NO: RM.02.00
SCALE: 1:1	DO NOT SCALE DRAWING			DRAWING NO: 2019-20/II/M.02.00
ALL DIMENSIONS ARE IN MM.				SHEET 1 of 9
				REV. 0

A

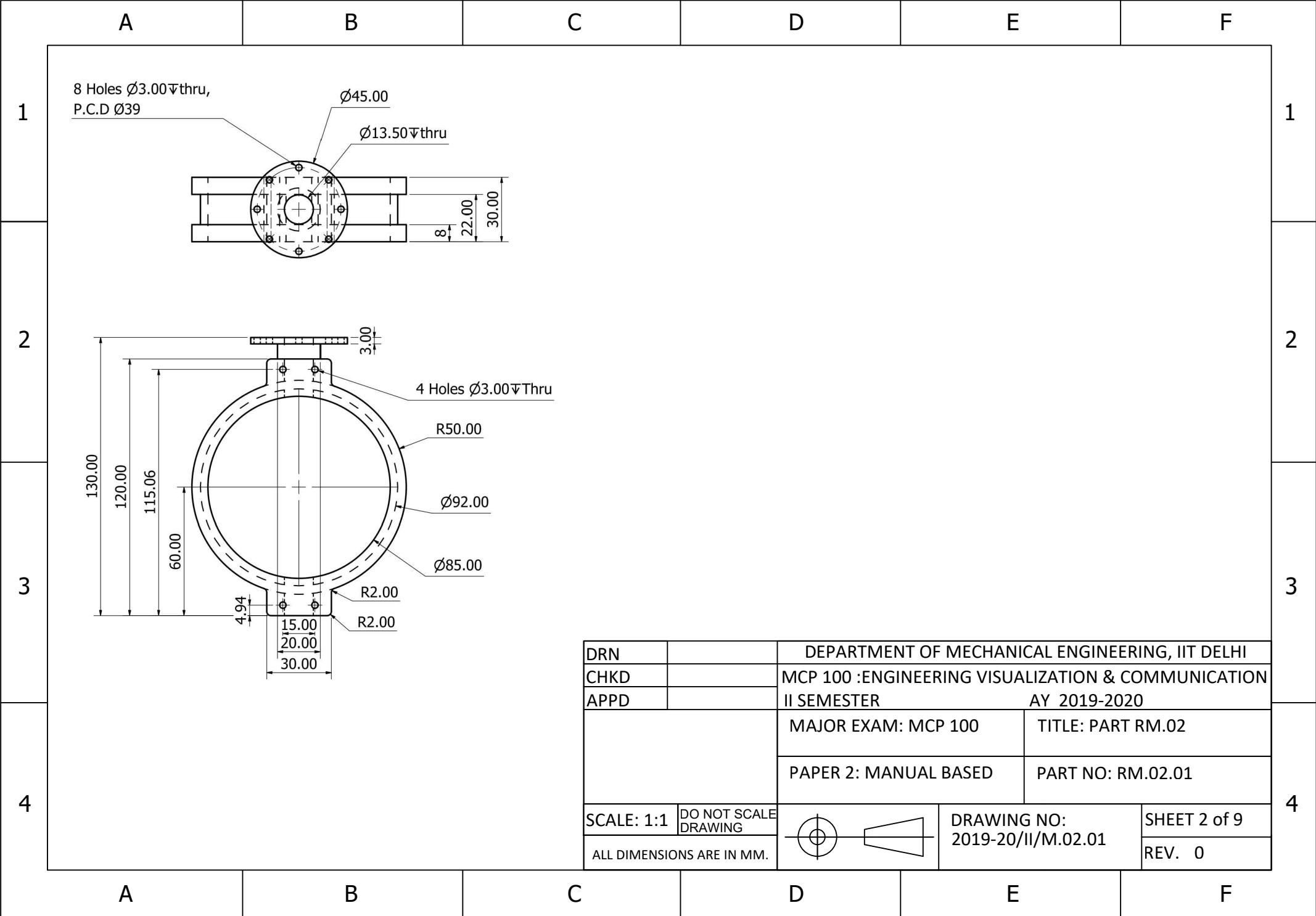
B

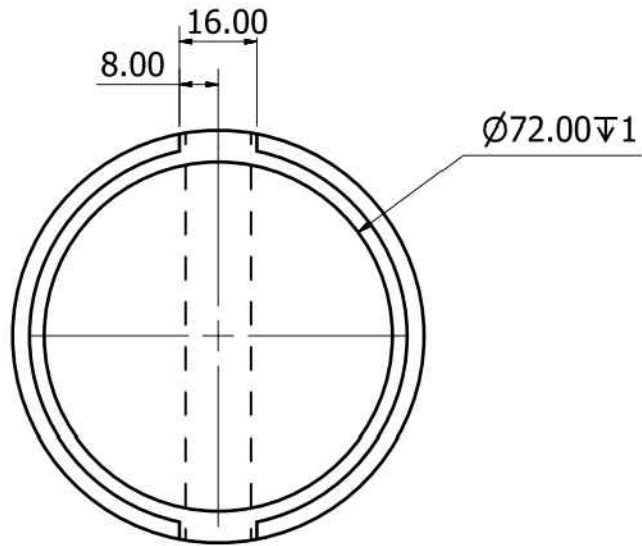
C

D

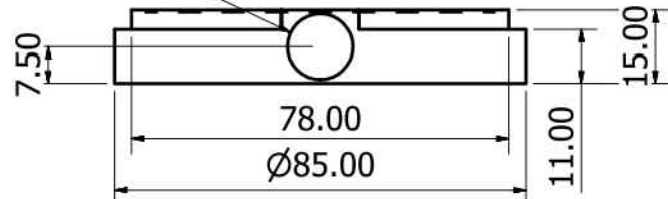
E

F

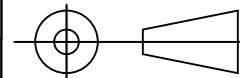


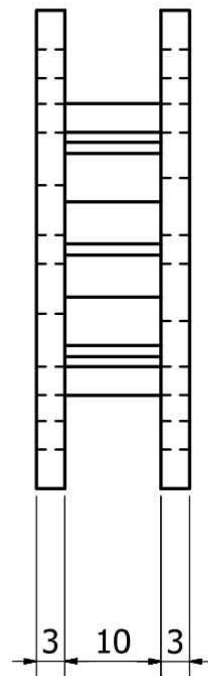
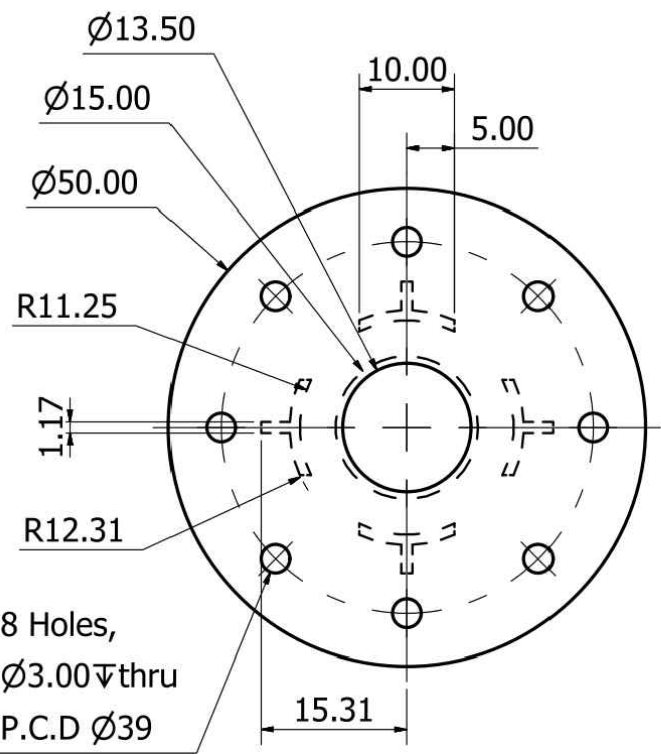


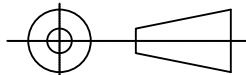
R6.75±Thru

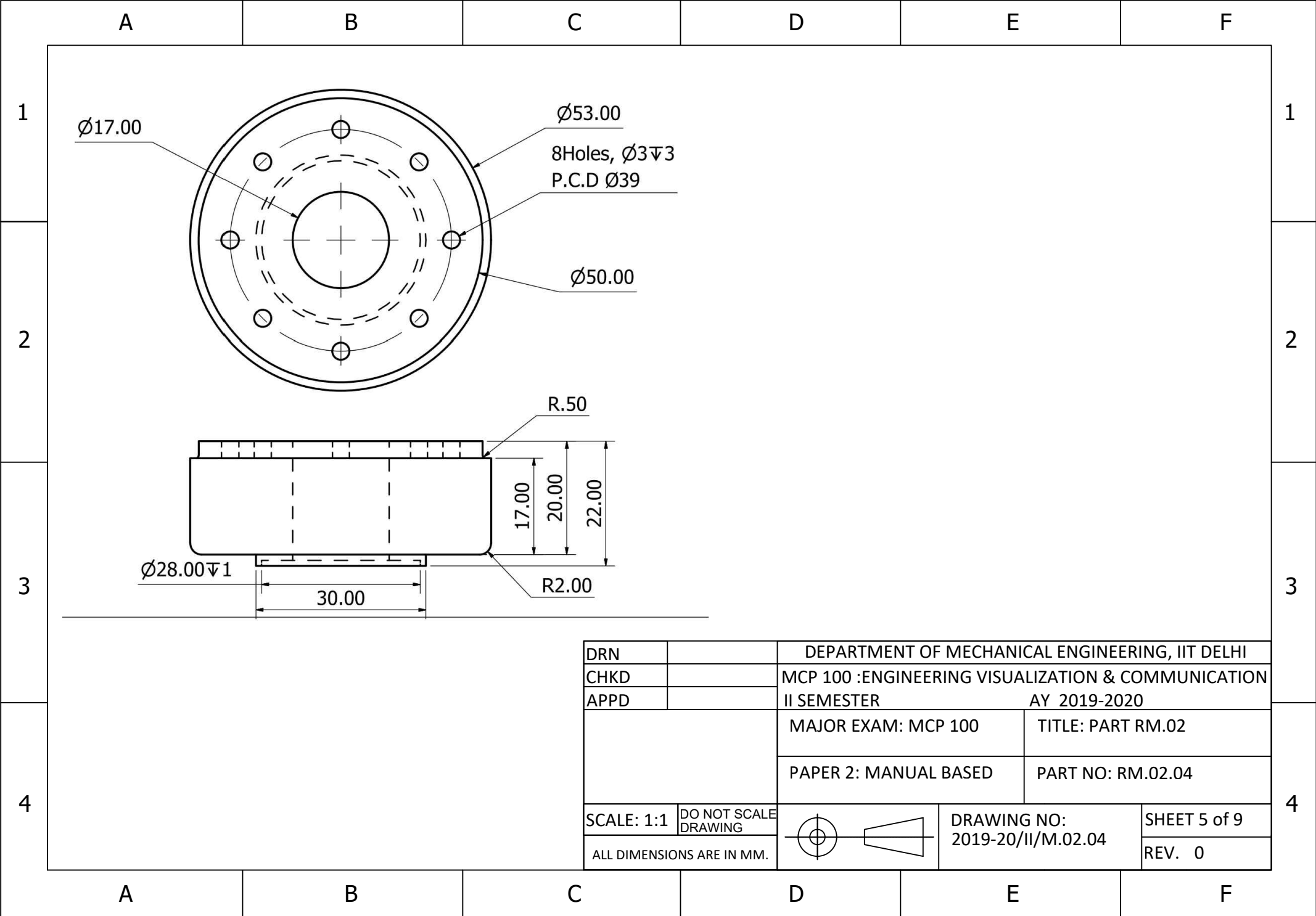


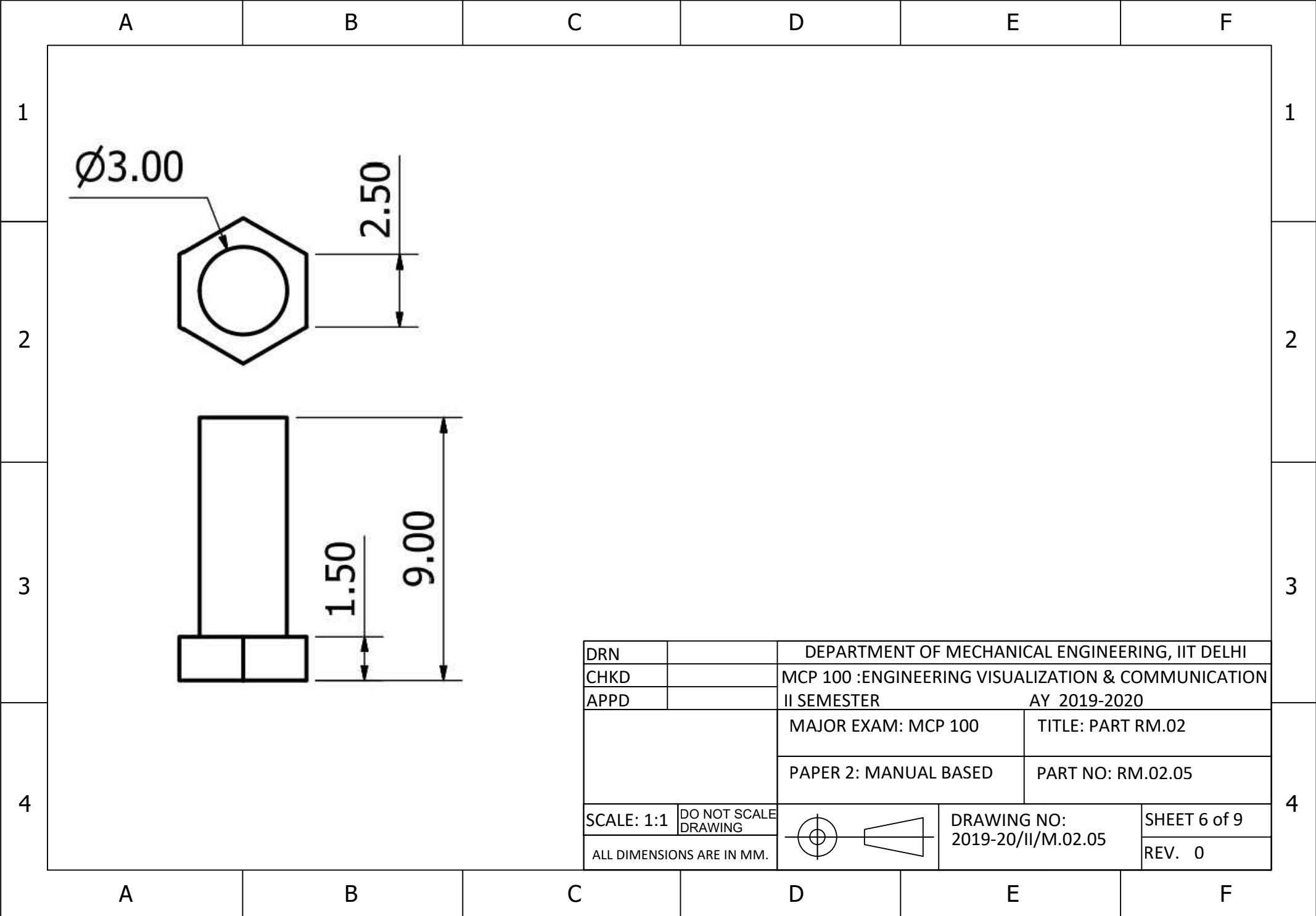
DRN		DEPARTMENT OF MECHANICAL ENGINEERING, IIT DELHI	
CHKD		MCP 100 :ENGINEERING VISUALIZATION & COMMUNICATION	
APPD		II SEMESTER	AY 2019-2020
		MAJOR EXAM: MCP 100	TITLE: PART RM.02
		PAPER 2: MANUAL BASED	PART NO: RM.02.02
SCALE: 1:1	DO NOT SCALE DRAWING	DRAWING NO: 2019-20/II/M.02.02	
ALL DIMENSIONS ARE IN MM.		SHEET 3 of 9 REV. 0	

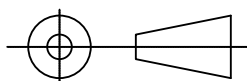




DRN		DEPARTMENT OF MECHANICAL ENGINEERING, IIT DELHI				
CHKD		MCP 100 :ENGINEERING VISUALIZATION & COMMUNICATION				
APPD		II SEMESTER		AY 2019-2020		
		MAJOR EXAM: MCP 100		TITLE: PART RM.02		
		PAPER 2: MANUAL BASED		PART NO: RM.02.03		
SCALE: 1:1	DO NOT SCALE DRAWING			DRAWING NO: 2019-20/II/M.02.03		SHEET 4 of 9
ALL DIMENSIONS ARE IN MM.						REV. 0





DRN		DEPARTMENT OF MECHANICAL ENGINEERING, IIT DELHI				
CHKD		MCP 100 :ENGINEERING VISUALIZATION & COMMUNICATION II SEMESTERAY 2019-2020				
APPD						
		MAJOR EXAM: MCP 100		TITLE: PART RM.02		
		PAPER 2: MANUAL BASED		PART NO: RM.02.05		
SCALE: 1:1	DO NOT SCALE DRAWING			DRAWING NO: 2019-20/II/M.02.05		SHEET 6 of 9
ALL DIMENSIONS ARE IN MM.						REV. 0

