

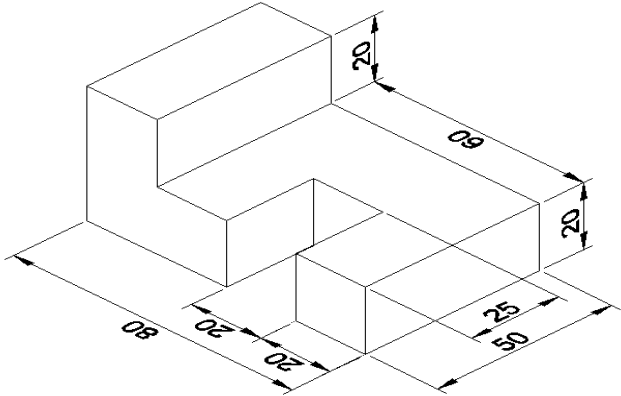
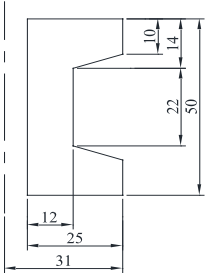
SRM Institute of Science and Technology
College of Engineering and Technology
Department of Mechanical Engineering

18MES101L – Engineering Graphics and Design

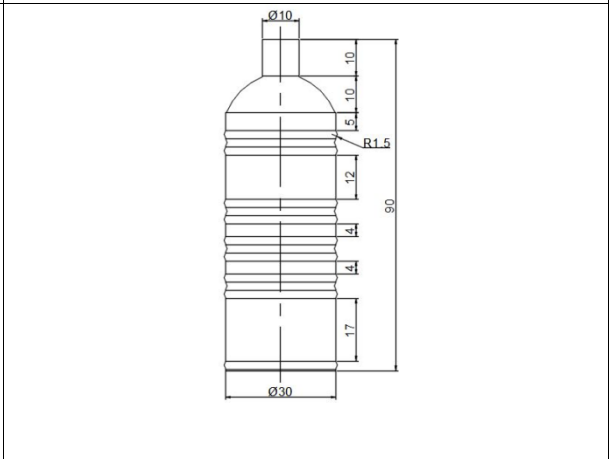
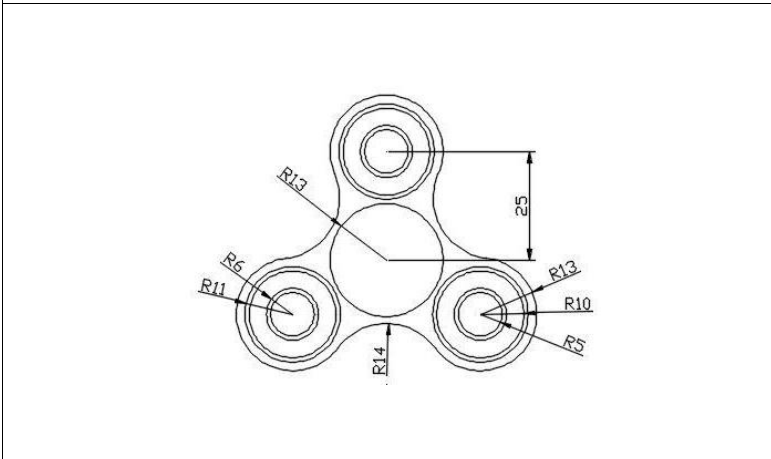
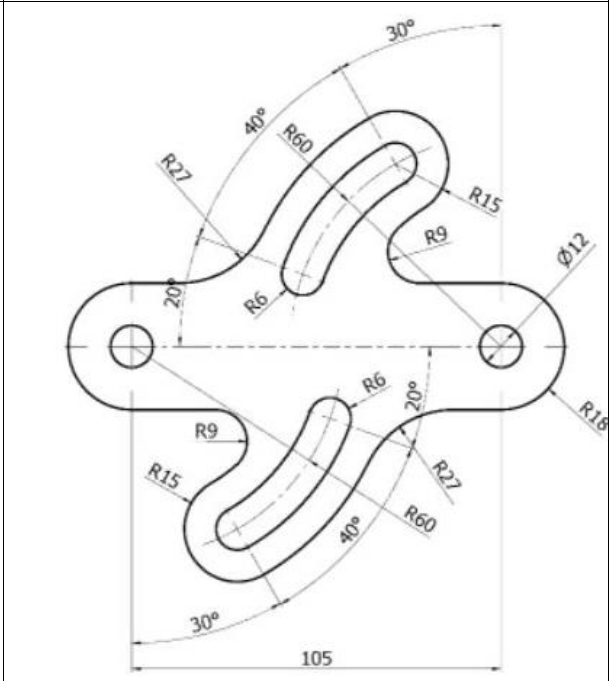
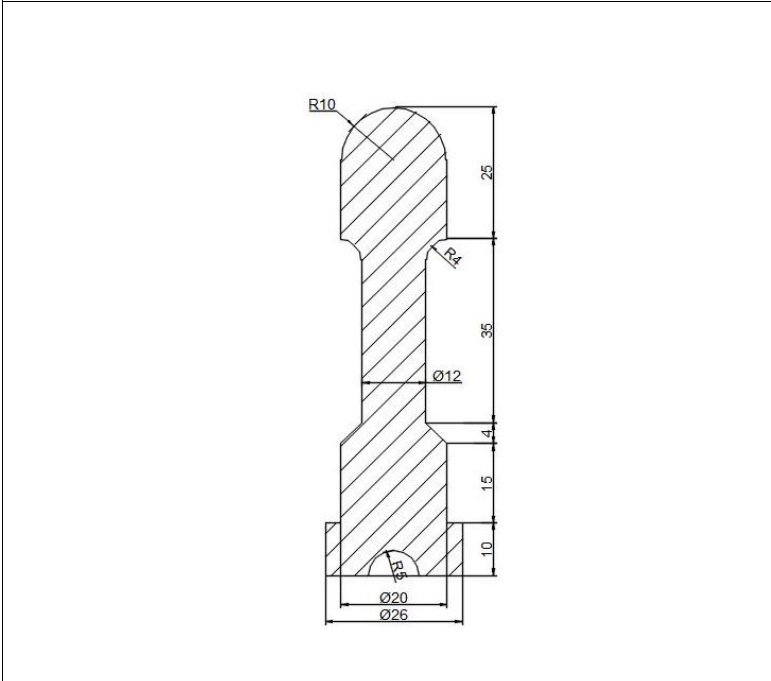
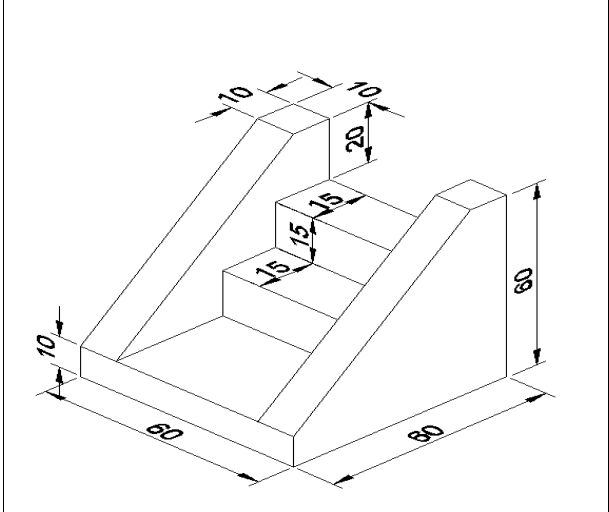
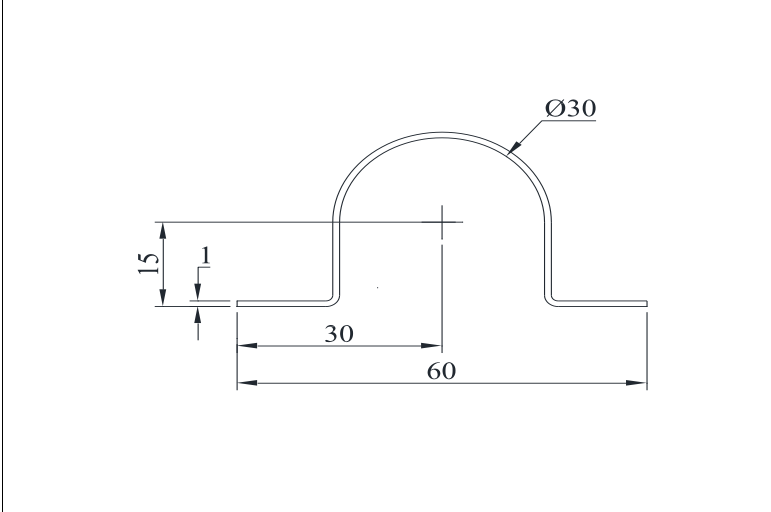
Reg. No		Ex. No.	7
Name of the student		Title of the exercise	Combination of Solids-1
Department / Branch		Semester	2
Section		Date of Exercise	

Note:

- Answer any four questions - 8 Marks.
- Record 2 Marks.
- Students can assume a suitable dimension or create a model as per the given dimensions; the required combined solid model must be completed.
- All dimensions are in millimeter.

Q. No	Model	CO	BLT	Marks assigned	Marks awarded	Attestation by the faculty
1		3	3	2		
2		3	3	2		

Extra Problems for practice



Rubrics: Exercise 7

Name of the faculty grading:	Date of submission:	Date of grading:
Signature of the faculty grading:	Grade (out of 10):	

Criteria	No errors	Minor errors (1-2 errors)	Major errors (3-4 errors)	Incomplete (5-6 errors)	Resubmission required (more than 7 errors)
Number of features, Boolean operations used for the required shape of the solid model.	4	3	2	1	0
Dimensions/Legibility (proper dimensioning, show all the required dimensions with legibility)	4	3	2	1	0
Record writing	2	1.5	1	0.5	0
Total marks	10				

Note: Students must show the dimension which has a register number without fail; otherwise marks of that question will be awarded as zero.