



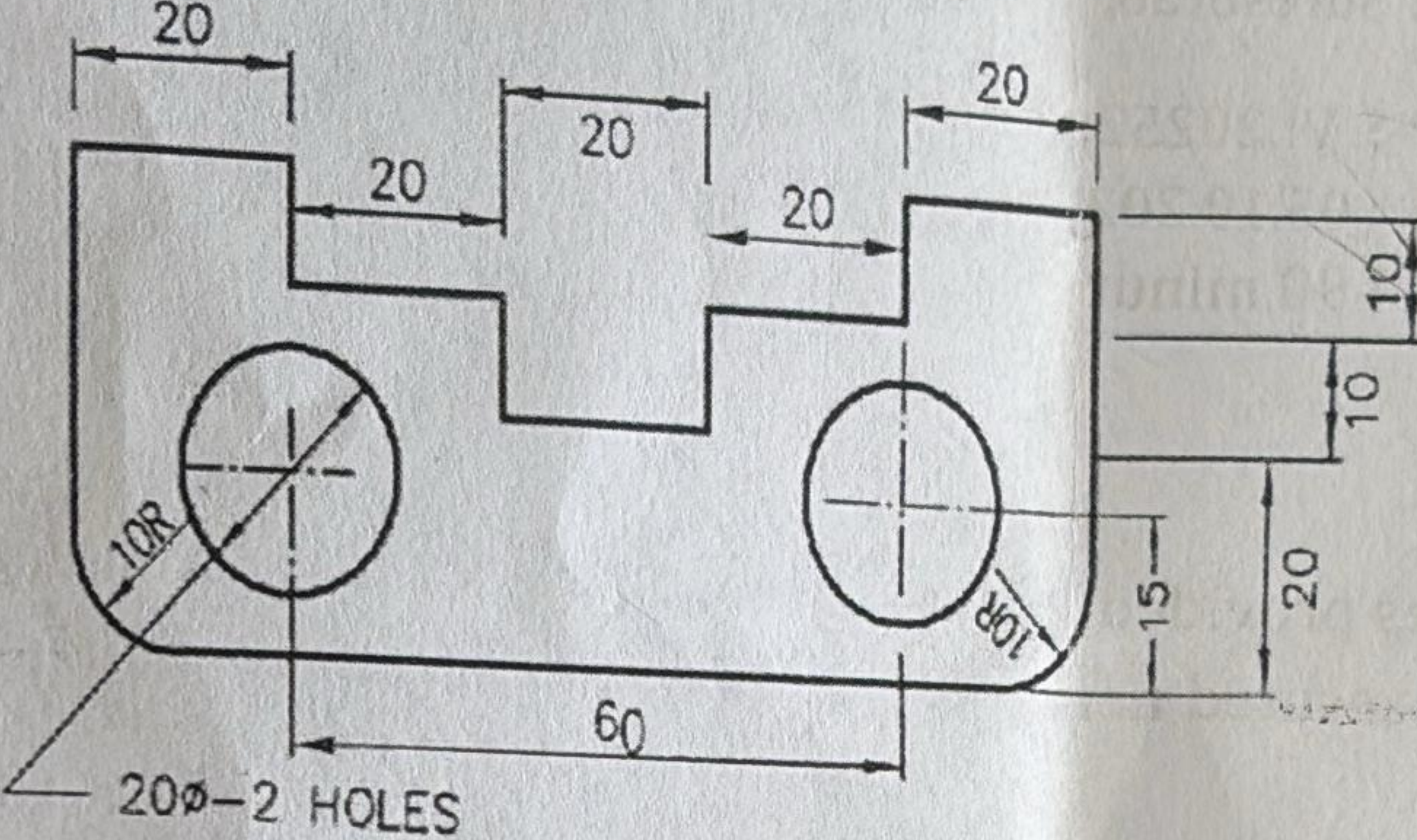
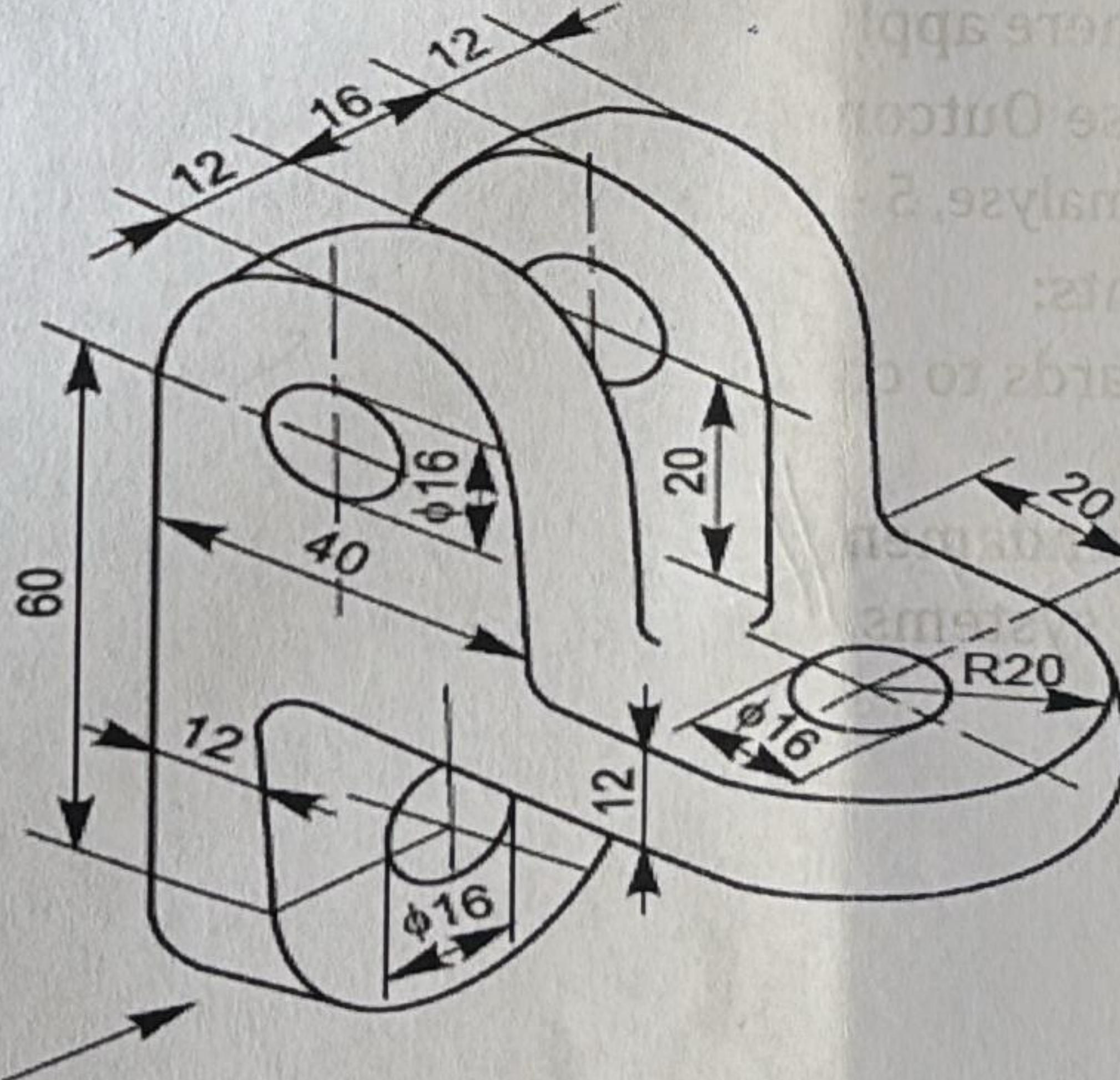
VIT

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

REG.NO.: 25BC

SCHOOL OF MECHANICAL ENGINEERING
CONTINUOUS ASSESSMENT TEST -II
FALL SEMESTER 2025-2026

SLOT: A2+TA2

Q. No	Question	Marks	Course Outcome (CO)	Bl Ta my
1.	Draw and correct the dimension of the given 2D drawing in Aligned System. (Figure 1).  ALL DIMENSIONS ARE IN mm Figure 1	10	CO3	B
2.	Draw the orthographic projection (F.V, T.V. and RHS) for the given drawing (Figure 2)  ALL DIMENSIONS ARE IN mm Figure 2	10	CO3	F
3.	A pentagonal prism of base side 25 mm and height 65 mm is resting on HP on one of its rectangular faces with its axis parallel to HP and perpendicular to VP. Draw its projections.	10	CO3	
4.	Draw the isometric view of a cone of base diameter 50 mm and altitude 70 mm when the base is on HP.	10	CO3	
5.	Explain the various steps involved in the sand-casting process and also write the defects in sand casting.	10	CO4	
