

Model Question Paper-1 with effect from 2019-20 (CBCS Scheme)

USN

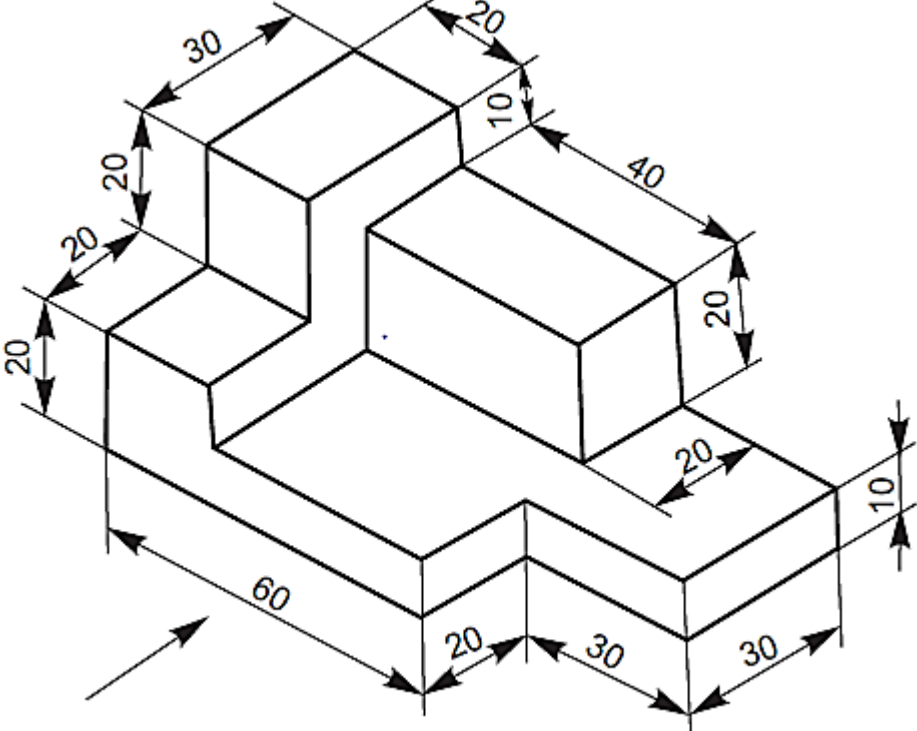
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Fourth Semester B.E. Degree Examination Computer Aided Machine Drawing

TIME: 03 Hours

Max. Marks: 100

- Note: 01. Answer any **ONE** question from each of the parts **A, B and C**.
 02. Use **FIRST ANGLE** projection only.
 03. Missing data if any may suitably be assumed
 04. All the calculations should be on answer sheet supplied.
 05. All the dimensions are in mm.
 06. **Part C Assembled View should be in 3D and other 2 views in 2D.**

PART A		CO	*Bloom's Taxonomy Level	Marks
Q.01	Using First Angle Projection, Draw the Orthographic Views of the object shown in fig below 	CO1, CO2	L1, L2	20
OR				
Q.02	Draw the squared nut and bolt of diameter 25mm show at least two number of views	CO1, CO3	L1, L2	20
PART B				
Q. 03	Draw to 1:1 scale, the top view and sectional front view of a single riveted Butt joint with double cover plate. The thickness of plate is 9mm. show at least 3 rivets in each row.	CO4	L1, L2	20
OR				

Q.04	Draw the Muff coupling to connect shafts as per the instruction given. i) Front view ii) Right side view. Diameter of the shaft : 25mm	CO1	L1, L2	20
PART C				
Q. 05	Details of 'PLUMMER BLOCK' are shown in following Figure 1. Assemble the parts and draw the following views of the assembly. i. Sectional Front View ii Top View	CO5	L1, L2	60
OR				
Q. 06	Details of 'CONNECTING ROD' are shown in following Figure 2. Assemble the parts and draw the following views of assembly. i) Sectional Front view ii) Top view	CO5	L1, L2	60

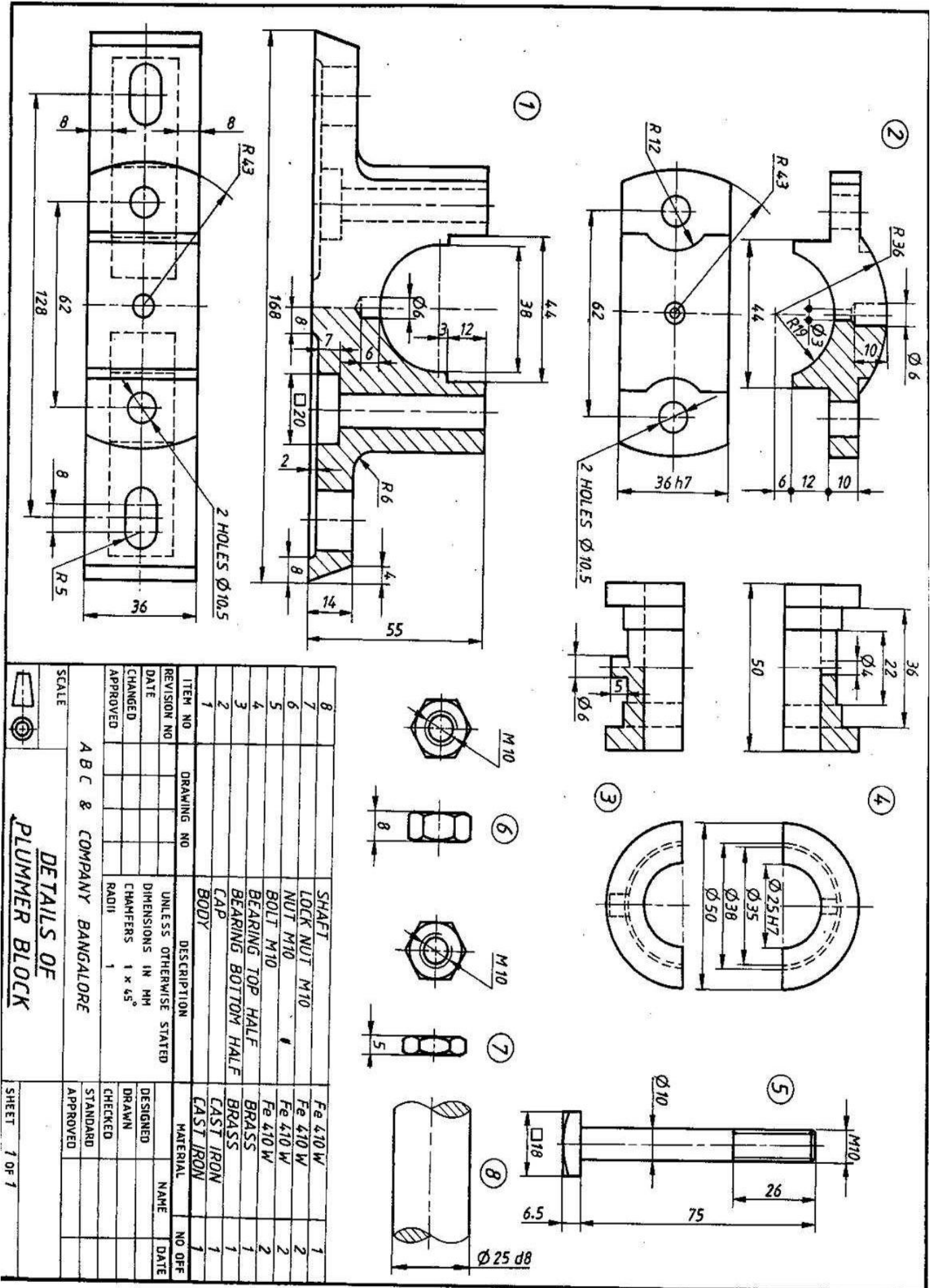


Figure 1

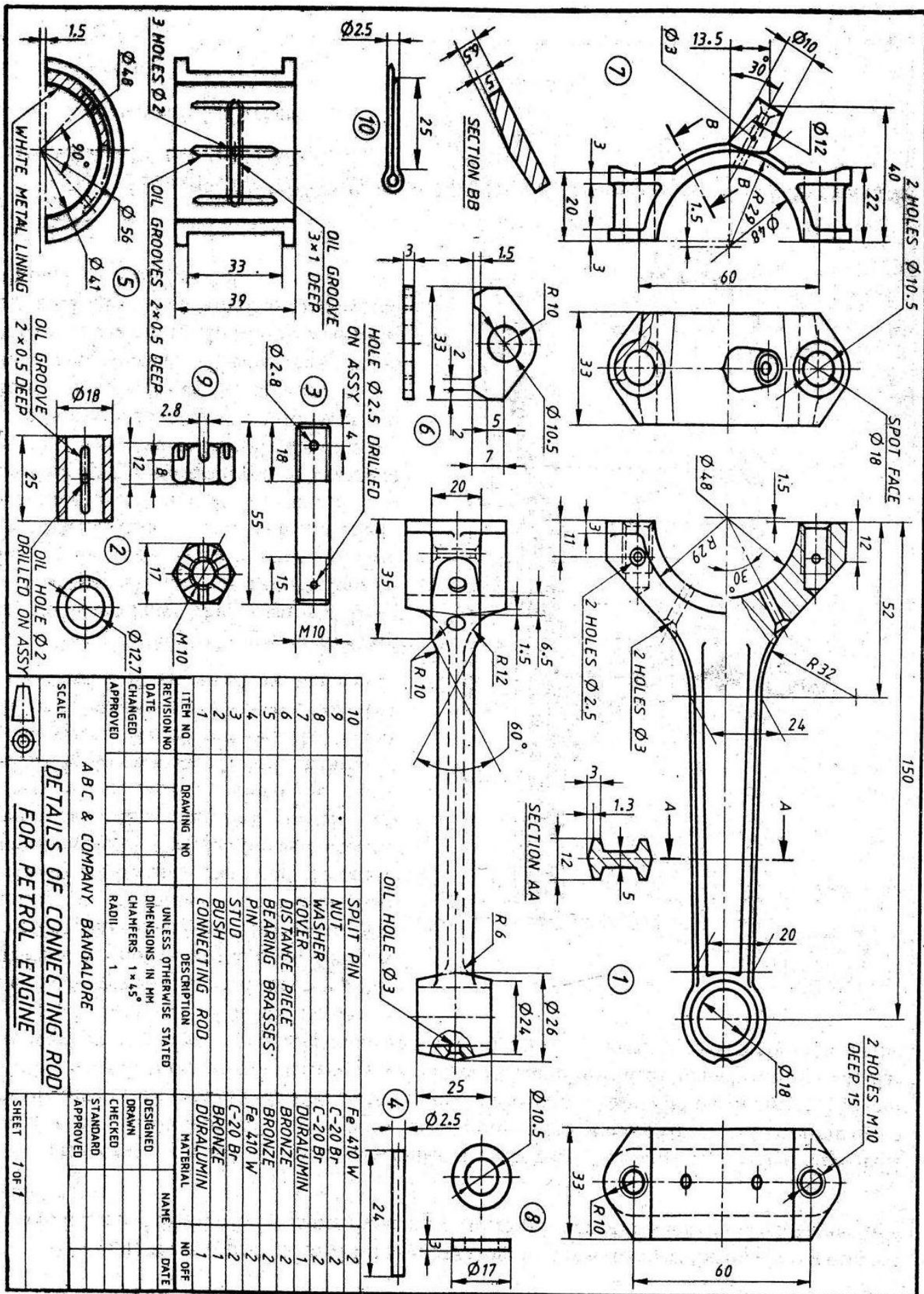


Figure 2