

Q.17 Fig.3 show the Pictorial view of a wall bracket. Study the drawing carefully and draw the following views. (Assume any missing dimension)

- Front Elevation looking from-X
- Side view looking from-Y

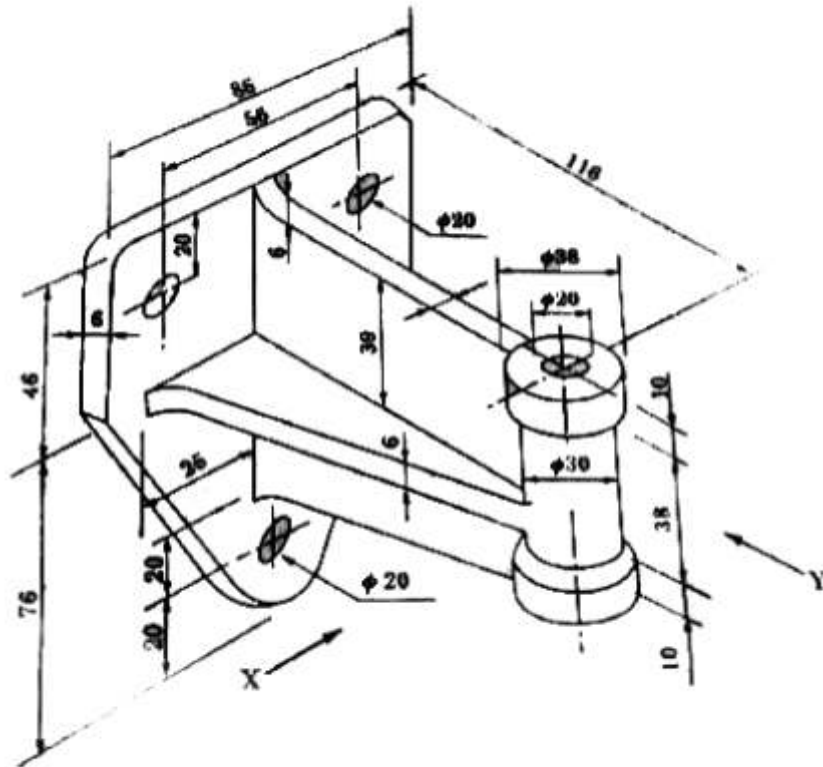


Figure 3. Wall Bracket

No. of Printed Pages : 4
Roll No.

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3rd. Sem / Mech. Engg. (MSIL)
Subject:- Machine Drawing

Time : 3Hrs.

SECTION-A

M.M. : 100

Note: Very short answer type questions. All questions are compulsory (10x2=20)

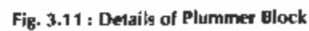
- Define deviation.
- Define shaft basis system.
- Differentiate between clearance & transition fit.
- Write any one application of universal coupling.
- What is the function of wall bracket?
- Name different types of pulleys.
- Draw the symbol of float valve.
- What is the material of base plate of tool holder in lathe machine?
- Define pressure angle or angle obliquity.
- Write the function of connecting rod in I.C. engine.
- What is the material of a tommy bar?
- Define Diametral pitch.

SECTION-B

Note: Long answer type questions. Attempt any four questions out of five questions. (20x4=80)

- Define term fit and explain in detail different types of fits with neat sketches.
- Draw the free hand proportioned sketch of a Machine vice by showing their different parts.

i) Sectional Front view ii) Plan



Q.16 Fig.2 show the details drawing of a connecting rod. Assemble together all parts and draw the following views in third angle projection method. (Assume any missing dimension)

i) Sectional Elevation ii) Plan



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