

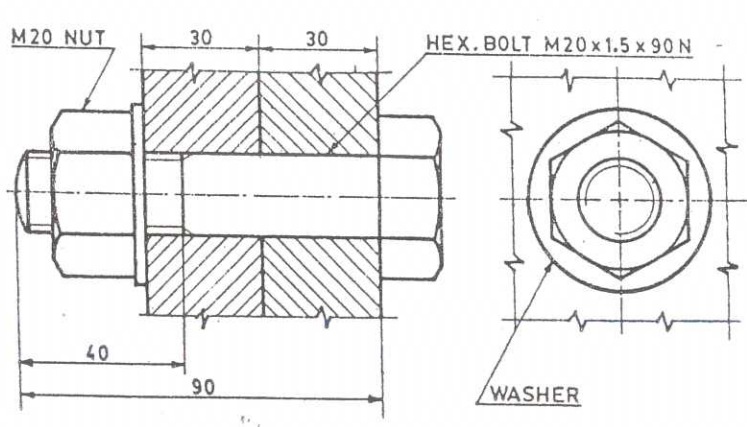
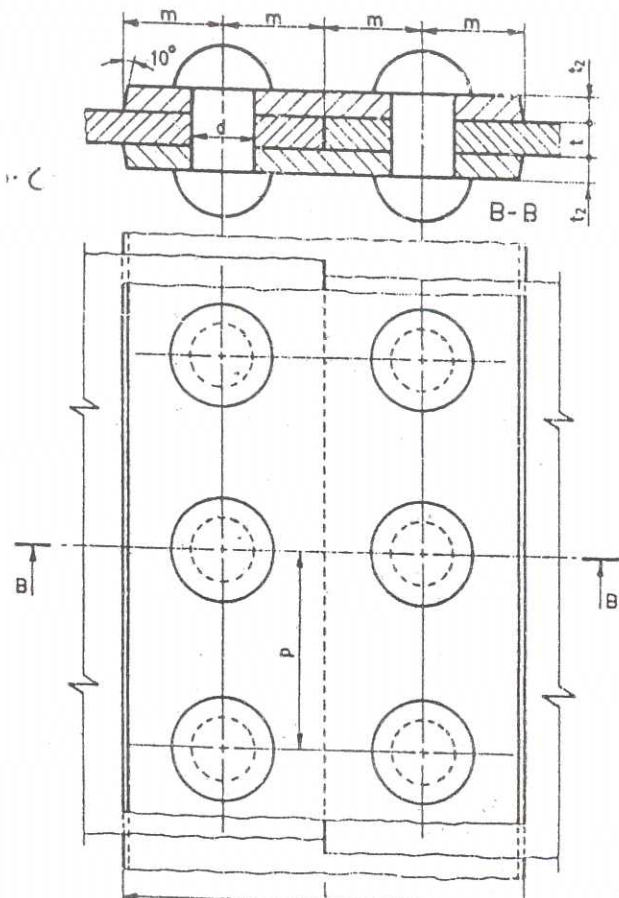
SCHEME OF VALUATION

(Scoring Indicators)

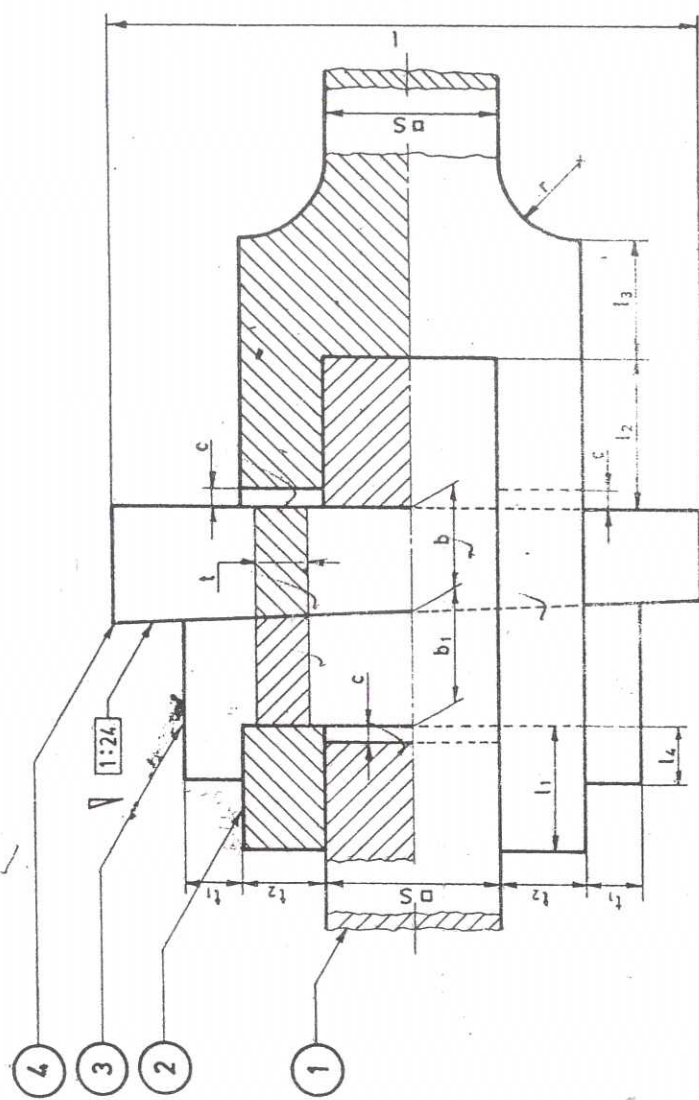
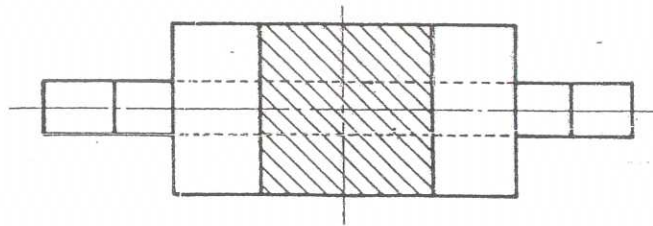
Revision: 2015

Course Code:3024

Course Title:MACHINE DRAWING

Qst. No.	Scoring Indicator	Split up score	Sub Total	Total
I		FV-8 EV-4 Dimension -3	15	15
II	 <p style="text-align: center; margin-top: 10px;"> $t=10, d=20, m=1.5d, p=3d, t_2=0.8t$ </p>	FV-8 EV-5 Dimension -2	15	15

As in example B3.4, we get,
 Diameter of the rivet, $d = 20$ mm
 Longitudinal pitch, $p = 60$ mm
 Marginal distance, $m = 30$ mm
 Length of overlap, $l = 120$ mm
 Thickness of double
 cover strap, $t_2 = 0.8t$
 $= 0.8 \times 10$
 $= 8$ mm.



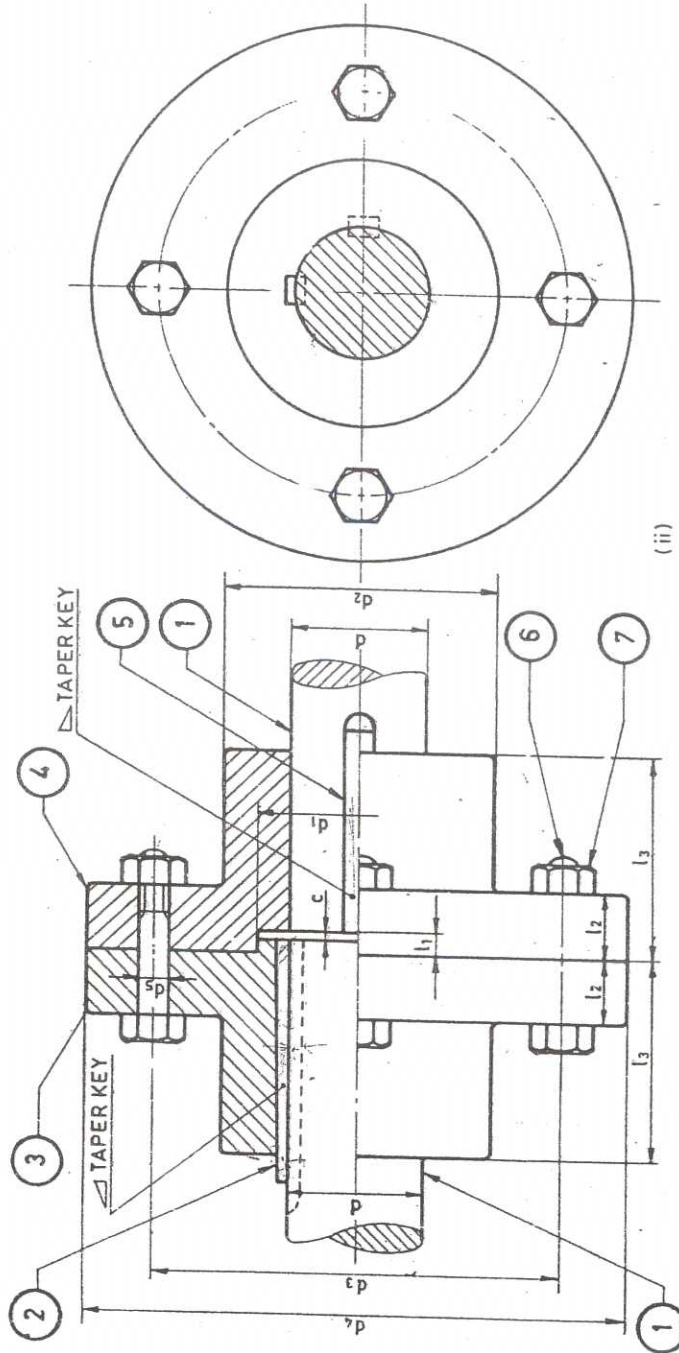
FV-20

LSV-7

Dimensions
 -3.

30 30

12)



(ii)

FV-18

LSV-9

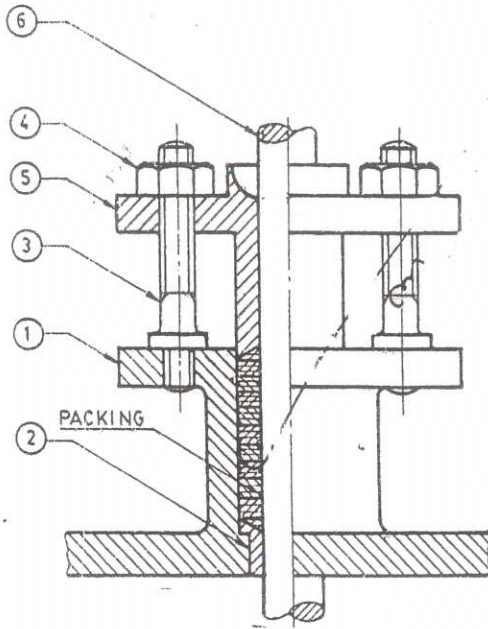
Dimensions

-3

30

30

R



FV-30

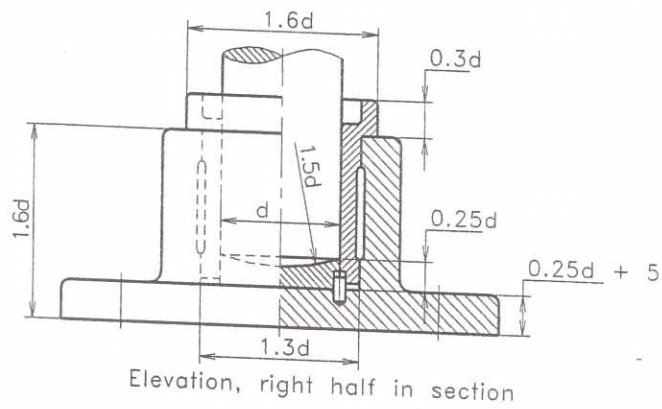
Dimensions
- 5

Item List
- 5

ITEM LIST

Item	Description	Qty.	Material
1	Body	1	C. I.
2	Gland bush	1	Brass
3	Stud	2	M. S.
4	Nut	2	M. S.
5	Gland	1	C. I.
6	Piston rod	1	Steel

VI



FV-35

Dimension
-5

40 40

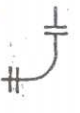
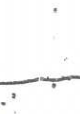

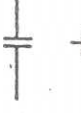











VII

Designation	Illustration	Symbol
✓ 1. Square butt weld		
✓ 2. Single - V butt weld		V
✓ 3. Single-bevel butt weld		✓
✓ 4. Single- U butt weld (parallel of sloping sides)		U
5. Single - J butt weld		J
6. Backing run; back of backing weld		⤴
✓ 7. Fillet weld		△

5x3

15

15

Description	Flanged	Screw	Welded
1. 90° Elbow			
7. Joint / Coupling			
8. Tee			
13. Reducer			
14. Dead end			

5x3

15

15