Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

DIPLOMA ENGINEERING - SEMESTER - III• EXAMINATION - SUMMER 2016

Subject Code: 3335501 Date: 09/0 Subject Name: Fabrication Drafting		5/2016	
	•	02:30 PM to 05:00 PM Total Marks:	70
In	structio	ons:	
	1. 2. 3. 4. 5. 6.	Attempt all questions. Make Suitable assumptions wherever necessary. Figures to the right indicate full marks. Use of programmable & Communication aids are strictly prohibited. Use of only simple calculator is permitted in Mathematics. English version is authentic.	
Q.1	(a)	• • • • • • • • • • • • • • • • • • • •	07
	(b)	it.Draw following riveted joint.1. Single riveted lap joint2. Double riveted zigzag lap joint	07
Q.2	(a)	Draw neat sketch and label different parts of following process equipment: 1. Pressure vessel 2. Shell and tube heat exchanger	07
	(b)		07
	(b)		07
Q.3		Draw following views of an object as shown in Fig.1 (i) Front elevation (ii) Full sectional side view (iii) Top Plan OR	14
Q.3		Draw by the same method of projection as object shown in Fig. 2: 1. Sectional Elevation, take section along A-A 2. Bottom Plan 3. L. H. Side View	14
Q.4		Draw detail drawing of Cotter joint shown in Fig.3 OR	14
Q.4		Draw the isometric of machined component from the given F.V. and T.V. in Fig4	14
Q.5		Draw development of object shown in Fig.5 OR	14
Q.5		Two equal size pipes, diameter 65 mm, main pipe vertical and branch pipe inclined at 30° to horizontal are connected with their axes intersecting. Draw	14

projections of connected pipes, when plane containing two axes is parallel to

V.P. Discuss the nature of the curve.

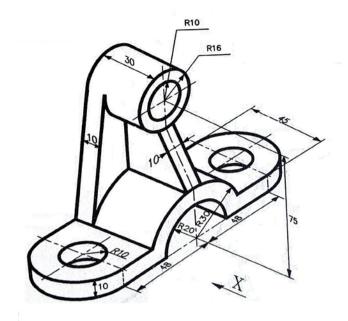


Fig.- 1 All Dimensions are in mm

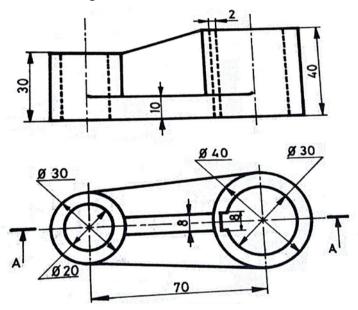


Fig.- 2 All Dimensions are in mm

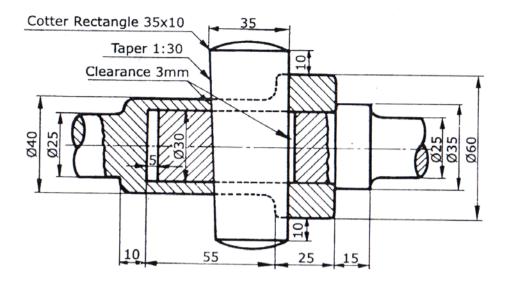


Fig.- 3 All Dimensions are in mm

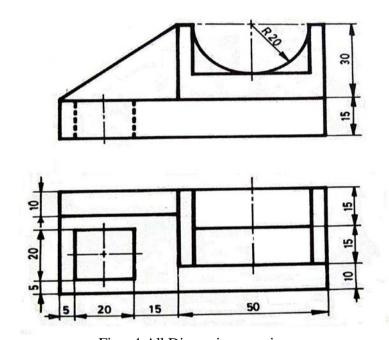


Fig.- 4 All Dimensions are in mm

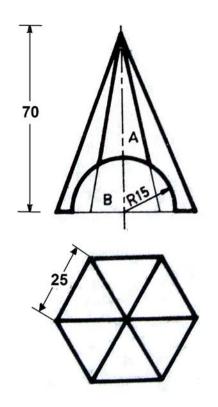


Fig.- 5 All Dimensions are in mm
