



DIPLOMA IN AGRICULTURAL ENGINEERING

CENTRALIZED QUESTION BANK

1023234640 - MACHINE SHOP PRACTICE

**DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU**

DIRECTORATE OF TECHNICAL EDUCATION, GUINDY, CHENNAI- 600 025
BOARD OF EXAMINATIONS

DIPLOMA PRACTICAL EXAMINATIONS – APRIL 2025
REGULATION R 2023

SUBJECT CODE: 1023234640

COURSE CODE: 1023

SUBJECT NAME: MACHINE SHOP PRACTICE

SEMESTER: IV

MAX MARKS: 100

ANSWER ANY ONE QUESTION:

- 1.Prepare the specimen and make the sheet metal process – rectangular tray.
- 2.Prepare the specimen and make the lap joint by the spot welding.
- 3.Prepare the specimen and make the lap joint by the arc welding.
- 4.Prepare the specimen and make the butt joint by the arc welding.
- 5.Prepare the specimen and make the T joint by the arc welding.
- 6.Prepare the specimen and make the drilling and counter boring as shown in figure.
Using the upright drilling machine.
- 7.Prepare the specimen and make the step turning by using lathe.
- 8.Prepare the specimen and make the taper turning by using lathe.
- 9.Prepare the specimen and make the plain surfaces as shown in figure. Using the surface Grinder.
- 10.Prepare the specimen and make ‘V’ Block as shown in figure using milling machine.

ALLOCATION OF MARKS

Sl. No	DESCRIPTION	MARKS
1	Aim, procedure and sketch	10
2	Job preparation and marking	10
3	Setting and operation	30
4	Dimension and surface finish	10
5	Written test (Theory)	30
6	Viva Voce	10
	TOTAL	100