



**DIPLOMA IN METALLURGY**

**CENTRALIZED QUESTION BANK**

**1026234540 - WELDING METALLURGY PRACTICAL**

**DIRECTORATE OF TECHNICAL  
EDUCATION GOVERNMENT OF  
TAMILNADU**

**BOARD OF EXAMINATIONS,**

**DIPLOMA PRACTICAL EXAMINATIONS-APRIL 2025**

**REGULATION 2023**

**SUBJECT CODE: 1026234540**

**COURSE CODE: 1026**

**SUBJECT NAME: Welding Metallurgy Practical**

**SEMESTER: IV**

**S.NO                                      List of questions as per the syllabus**

1. Determine the width of Weld zone in welded specimen.
2. Determine the width of HAZ in welded specimen.
3. Determine the microstructure of Base metal in Low carbon steel welded specimen.
4. Determine the microstructure of HAZ in low carbon steel welded specimen.
5. Determine the microstructure of UAZ in low carbon steel welded specimen.
6. Determine the microstructure of Base metal in medium carbon steel welded specimen.
7. Determine the microstructure of HAZ in medium carbon steel welded specimen.
8. Determine the microstructure of UAZ in medium carbon steel welded specimen.
9. Determine the microstructure of Base metal in high carbon steel welded specimen.
10. Determine the microstructure of HAZ in high carbon steel welded specimen.
11. Determine the microstructure of UAZ in high carbon steel welded specimen.

**Allocation of Marks**

1	Procedure	25
2	Equipment Handling / Performance	25
3	Result	10
4	Written Examination (MCQ 30 Questions)	30
5	Viva voce	10
<b>Total</b>		<b>100</b>