



DIPLOMA IN MARINE ENGINEERING

CENTRALIZED QUESTION BANK

1027234440 - MARINE ENGINE MECHANISM

**DIRECTORATE OF TECHNICAL EDUCATION
GOVERNMENT OF
TAMILNADU**

BOARD OF EXAMINATIONS

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2025

REGULATION 2023

Course: Marine Engineering

Subject : Marine Engine Mechanism

QP Code : 1027234440

Time : 3 Hours

Date :

Session:

Max Marks: 100

Answer the following Questions

- 1 Dismantle and assemble single cylinder engine.
- 2 Dismantle and assemble multi cylinder engine.
- 3 Draw the valve timing diagram of four stroke diesel engine.
- 4 Draw the port timing diagram of two stroke diesel engine
- 5 Do the fuel consumption test on multi cylinder diesel engine.
- 6 Dismantle and assemble of diesel injector.
- 7 Do the fuel injector pressure test for the given injector.
- 8 Do the injection time setting for the given fuel pump.

Allocation of Marks

| Sl No | Description | Marks |
|--------------|--------------------------|------------|
| 1 | Aim & Apparatus Required | 5 |
| 2 | Formula/Tabular column | 20 |
| 3 | Execution/Procedure | 25 |
| 4 | Output/Result | 10 |
| 5 | Written Test | 30 |
| 6 | Viva Voce | 10 |
| Total | | 100 |