

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

**B.TECH. DEGREE VIII SEMESTER EXAMINATION IN MARINE ENGINEERING
JULY 2020**

**MRE 1801 SAFE WATCH KEEPING AND ENGINE ROOM RESOURCE MANAGEMENT
(2013 Scheme)**

Time: 36 Minutes [for Answering and Scanning/Uploading the page of the Answer Sheet per module]
Max. Marks: 20 per module

INSTRUCTIONS

1. You have to answer only one question per module .
2. Answer may not exceed one page of an A4 size paper in a standard handwriting, as far as possible.
3. If at all an answer goes beyond one page, (due to your handwriting) another page can also be used. In such a situation, the page number should be given as 1/2, 2/2.
4. You have to put dated signature along with Register Number, Subject Code, Module/Group Number (as given in the Question Paper) in each page.
5. You have to put the Question Number correctly.
6. After answering the question, you have to scan and upload the answer page.

MODULE - I

(Answer **ANY ONE** question)

I(1). List the basic principles to be observed in keeping an engineering watch. (20)

OR

I(2). Enumerate the routine jobs carried out by the engine room watch keeper. (20)

MODULE - II

(Answer **ANY ONE** question)

II(1). State the procedure to take over engine room watch of an oil tanker. (20)

OR

II(2). How is the composition of engineering watch decided on a gas tanker? (20)

MODULE - III

(Answer **ANY ONE** question)

III(1). What are the precautions to take during vessels stay in unsheltered anchorage? (20)

OR

III(2). Indicate the difference in watch keeping during stay of ship in port and during sailing at sea. (20)

MODULE - IV

(Answer *ANY ONE* question)

IV(1). List the types of leadership and its relevance in shipping. (20)

OR

IV(2). State different techniques on the basis of which decision making is carried out. (20)

MODULE - V

(Answer *ANY ONE* question)

V(1). Write short notes on: (20)
(i) Personnel Management.
(ii) Engineer and Manager
(iii) Standard Operating Procedure

OR

V(2). Write short notes on: (20)
(i) Negotiating skills
(ii) ER resource management
(iii) Barriers of communication.
