

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

B.TECH. DEGREE VIII SEMESTER EXAMINATION IN MARINE ENGINEERING
JULY 2020
(2013 Scheme)

MRE 1802 SHIP OPERATION AND MANAGEMENT

Time: 3hrs [36 Minutes for Answering and Scanning/Uploading the page of the Answer Sheet per module]
Max. Marks:100 (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). (a) Explain what do you understand by Registration of ships. (10)
(b) Explain what is bill of lading. And what do you understand by negotiable and non-negotiable Bill of Lading? (10)

OR

- I(2). (a) Describe what is multi modal transportation what are its advantages. (10)
(b) What is meant by chartering, describe any two types of Chartering? (10)

MODULE - II

(Answer *ANY ONE* question)

- II(1). (a) Explain what is the theory of freight rates and how are freight rates calculated. (10)
(b) Describe what is the difference between a Liner and Tramp service. (10)

OR

- II(2). (a) Explain what is Indian Carriage of Goods by Sea Act. (10)
(b) Give a brief description of what is Cargo Survey and Draft Survey. (10)

MODULE - III

(Answer *ANY ONE* question)

- III(1). (a) Explain what is meant by “Note of Protest” giving examples. (10)
(b) Briefly describe what is meant by Marine Insurance. (10)

OR

- III(2). (a) What are termed as Perils of Sea in Marine Insurance? (10)
(b) Briefly discuss the role of general average in marine industry. (10)

MODULE – IV

(Answer *ANY ONE* question)

- IV(1). (a) Explain what are termed as Marine frauds. Give examples. (10)
(b) What are the functions of P and I clubs? (10)

OR

- IV(2). (a) Explain what are the basis of planning sailing schedules. (10)
(b) Explain what is meant by Flag of Convenience and what are their advantages. (10)

MODULE – V

(Answer *ANY ONE* question)

- V(1). Write short notes on the following:
(a) Container Vessels (5)
(b) Bulk carriers (5)
(c) Tankers (5)
(d) Cruise ships (5)

OR

- V(2). Write short notes on the following:
(a) Shipping council (10)
(b) Particular average (10)