

**COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY**

**B.TECH. DEGREE I & II SEMESTER SUPPLEMENTARY EXAMINATION IN  
MARINE ENGINEERING JUNE 2020**

**MRE 1110 ENVIRONMENTAL STUDIES AND TECHNICAL COMMUNICATION**  
(2013 Scheme)

Time: 25 Minutes [for Answering and Scanning/Uploading the page of the Answer Sheet] per module  
Max. Marks: 11 per module

**INSTRUCTIONS**

1. You have to be available in Google Meet on demand by the faculty.
2. You have to share your '**live location**' to the faculty before uploading the answer sheet.
3. You have to answer only one question per module.
4. Answer may not exceed one page of an A4 size paper in a standard handwriting, as far as possible.
5. 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.
6. You have to put dated signature along with Register Number, Subject Code, Module/Group Number (as given in the Question Paper) in each page.
7. You have to put the Question Number correctly.
8. After answering the question, you have to scan and upload the answer page.

**PART A**  
**ENVIRONMENTAL STUDIES**

**MODULE - I**  
(Answer **ANY ONE** question)

I(1). Define Biodiversity? What are the types of Biodiversity? What are the values of biodiversity and what are the major threats to Biodiversity? (11)

**OR**

I(2). Explain 'Water' as a resource and issues related to its over exploitation. What is the role of an individual in the conservation of water? (11)

**PART A**  
**ENVIRONMENTAL STUDIES**

**MODULE – II**  
(Answer *ANY ONE* question)

- II(1). What are the major sources effects of air pollution? What are the control measures to reduce air pollution? (12)
- OR**
- II(2). What is meant by solid wastes? Describe the causes effects and methods of disposal of solid wastes? (12)

**MODULE - III**

(Answer *ANY ONE* question)

- III(1). What are the major problems of population explosion? How the environment get affected by population growth? (12)
- OR**
- III(2). Write short note on
- (i) Global Warming (3)
  - (ii) Ozone depletion (3)
  - (iii) Acid Rain and its formation (3)
  - (iv) Photochemical smog and its formation (3)

**PART B**  
**TECHNICAL COMMUNICATION**

**MODULE - IV**  
(Answer *ANY ONE* question)

- IV(1). (a) Define verbal communication. Explain advantages and disadvantages. (6)
- (b) Give an account of the barriers to communication. (5)
- OR**
- IV(2). (a) What are the various types of interviews? Explain. (6)
- (b) What is body language? How can body language be used effectively in communication? (5)

**MODULE - V**

(Answer **ANY ONE** question)

- V(1). (a) How can you conduct an effective G.D? (6)  
(b) What is (i) note taking? (ii) note making? (6)

**OR**

- V(2). (a) Draft an application to the post of Marine Engineer. Prepare a resume for the post. (6)  
(b) Write a short paragraph of 75 words on the importance of value based education for the students. (6)

**MODULE - VI**

(Answer **ANY ONE** question)

- VI(1). (a) Discuss the qualities that a PR professional should possess. (6)  
(b) Explain the benefits of using PR services. (6)

**OR**

- VI(2). (a) Prepare a leaflet for your Marine Engineering spare parts firm. (6)  
(b) What are expository and descriptive writings? Explain. (6)

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