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***B.Tech. Degree I & II Semester Examination in  
Marine Engineering May 2019***

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

*(Use separate Answer book for Section A and Section B)*

Time: 3 Hours

Maximum Marks: 100

**SECTION A  
ENVIRONMENTAL STUDIES**

- I. (a) Write a note on energy flow in ecosystem. (8)  
 (b) Describe the role of an individual in the conservation of natural resources. (8)
- OR**
- II. (a) What are the measures for conservation of biodiversity? (8)  
 (b) Explain the various natural resources and its issues related to over exploitation. (8)
- III. (a) Narrate the causes, effects and control measures of air pollution. (9)  
 (b) Describe the role of public awareness in disaster management. (8)
- OR**
- IV. (a) Explain the effect of water, noise and thermal pollutions on human beings. (9)  
 (b) Describe the various environmental legislations. What are the major issues in the enforcement of such legislations? (8)
- V. (a) Explain: (i) global warming, (ii) acid rain (iii) ozone layer depletion. (9)  
 (b) Write notes on: (i) water harvesting (ii) water shed management. (8)
- OR**
- VI. (a) Describe the role of Information Technology in environment and human health, giving importance to various issues and its possible solution. (9)  
 (b) Explain problems of population growth with a case study. (8)

(P.T.O.)

**SECTION B**  
**TECHNICAL COMMUNICATION**

- I. (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)  
 (c) What are the various features of an official meeting? (5)
- OR**
- II. (a) Correct the following sentences: (5)  
 (i) The quality of mangoes were good  
 (ii) The King, as well as his ministers was asked to step  
 (iii) The cost of all these articles are risen  
 (iv) He gave me an advice  
 (v) We bought new furnitures from the shop  
 (b) What are the different types of reading? Explain. (7)  
 (c) What are kinemics and proxemics? Explain. (4)
- III. (a) (i) What are the points to be noted while developing notes into texts? (6)  
 (ii) What are cohesion and coherence? (6)  
 (b) What are the steps involved in: (6)  
 (i) Writing a rough draft.  
 (ii) Editing and Proof reading.  
 (iii) Writing the final draft.  
 (c) Write a short paragraph of 75 words on the importance of value based education for the students. (5)
- OR**
- IV. (a) What are the characteristics of a good business report? Explain. (7)  
 (b) Prepare a job application along with CV of Mr. Ravi Roy who has completed his Graduation and has undergone training in a few computer firms. The application should be addressed to a Multinational Company in Kochi. (10)
- V. (a) What are the concepts and relevance of PR in an Organization? Explain. (6)  
 (b) What are expository and descriptive writings? Explain. (5)  
 (c) What are the benefits of having a good P R Department in a business organization? (6)
- OR**
- VI. Write an essay of 500 words on the importance of reading among the youth. (17)

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