



B.Tech. Degree I Semester Regular/Supplementary Examination in Marine Engineering December 2021

19-208-0106 ENVIRONMENTAL STUDIES AND TECHNICAL COMMUNICATION

(2019 Scheme)

(Use separate answer books for PART A and PART B)

Time: 3 Hours

Maximum Marks: 60

PART A : ENVIRONMENTAL STUDIES

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| | | (5 × 2 = 10) |
| I. | (a) What are the different types of surface mining? | (2) |
| | (b) What is meant by 'Y' shaped energy flow model? | (2) |
| | (c) Define biodiversity hotspots. What are the criteria for a region to be called as biodiversity hotspot? | (2) |
| | (d) What is meant by hazardous wastes? Enumerate the types of hazardous wastes. | (2) |
| | (e) Which are the major causes of watershed deterioration? | (2) |
| | | |
| II. | Explain briefly the stages involved in Xerosere. | (2 × 10 = 20)
(10) |
| | OR | |
| III. | Discuss the process of deforestation with its major reasons and its impacts on environment. | (10) |
| | | |
| IV. | Discuss the major threats to biodiversity. | (10) |
| | OR | |
| V. | Explain briefly the process of waste water treatment with various stages. | (10) |

PART B : TECHNICAL COMMUNICATION

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| | | (3 × 15 = 45) |
| I. | Describe Modes of Communication. | (15) |
| | OR | |
| II. | (a) What are communicative skills? | (5) |
| | (b) What are Barriers of Communication? | (5) |
| | (c) Explain the factors needed for effective communication. | (5) |
| | | |
| III. | What is Group Discussion? Explain Organizational GD. | (15) |
| | OR | |
| IV. | (a) Explain Meeting Notice and Agenda with an example. | (5) |
| | (b) Explain minutes with an example. | (5) |
| | (c) What are the four categories of job interview? | (5) |
| | | |
| V. | What is an Essay? Describe different types and characteristics of an essay. | (15) |
| | OR | |
| VI. | (a) Prepare a model CV and a Covering Letter for job application. | (10) |
| | (b) Fill in the blanks with appropriate form: | (5) |
| | (i) Cotton (catch) fire easily. | |
| | (ii) (you, work) on Sundays? | |
| | (iii) I am really interested (in, for) gardening. | |
| | (iv) Travel by air is the (fast) mode of transportation.
(Comparative Adjective) | |
| | (v) Beautiful giraffes roam the Savannah. (Change to passive voice) | |