

M.E.S. COLLEGE OF ARTS & COMMERCE, ZUARINAGAR-GOA
B.A. (CBCS) I Semester End Examination (Regular/ Repeat), January, 2022
AECC-ENVIRONMENTAL STUDIES –(ESA101)

INSTRUCTIONS:

- 1) All questions are compulsory
- 2) Answer the sub questions in Q1 and Q2 in 100 words
- 3) Answer the questions from Q3 to Q6 in 200 words
- 4) In Questions 3, 4, 5 and 6, A has an option and B is Compulsory

Duration : 2 Hours

Max. Marks: 80

- Q. 1** Write short notes on **Any Four** of the following **(4x4= 16)**
- a) Physical Constituent of the Environment
 - b) Tidal Energy
 - c) Renewable and Non-Renewable resources
 - d) Food chains
 - e) Pyramid of Energy
 - f) Levels of Biodiversity
- Q. 2** Write short notes on **Any Four** of the following **(4x4= 16)**
- a) Secondary air pollutants
 - b) Eutrophication
 - c) Nuclear Holocaust
 - d) Population Explosion
 - e) Mitigation
 - f) Strategies for water preservation
- Q.3 A** Elaborate the negative impacts of commercial timber logging. **(6)**
- OR**
- Q.3 A** What are the different processes which form part of the hydrological cycle? **(6)**
- B** Explain in brief any two renewable energy resource. **(6)**
- Q. 4 A** Write a note on the Energy cycle. **(6)**
- OR**
- Q.4 A** Describe the grassland ecosystem. **(6)**
- B** What are the different techniques adopted for the in-situ conservation of biodiversity? **(6)**
- Q.5 A** Evaluate the various factors responsible for causing thermal pollution. **(6)**
- OR**
- Q.5 A** Elaborate the various processes which can be adopted for effective management of waste. **(6)**
- B** What is global warming? Explain the enhanced greenhouse effect. **(6)**
- Q. 6 A** Analyze the various factors that determine the spatial distribution of population **(6)**
- OR**
- Q. 6 A** What are the provisions of the Forest Conservation Act? **(6)**
- B** Explain in brief sustainable tourism. **(6)**