



V. M. SALGAOCAR INSTITUTE
of
INTERNATIONAL HOSPITALITY EDUCATION

B.Sc. Culinary Arts

Type: Semester End Assessment (SEA)

Date: 22/11/2024

Batch and Semester: 2024-27, Semester 1

Total Marks: 40

Time Duration: 1 Hour

Course Name: Environmental Studies

Course Code: VAC-100

Instructor: Ms. Alyce Rodrigues

This paper contains 02 pages in addition to the cover page.

Full Name of the Student: _____

Permanent Registration Number: _____ Class: _____

Marks Obtained: _____ Faculty Signature: _____ Invigilator Signature: _____

Main Answer sheet	Number of Supplements	Total number of Answer sheets
01		

- Carefully read each question at the outset of the paper. All queries must be addressed to the faculty within the first 10 minutes of the examination.
- Students are expected to maintain complete silence in the examination hall and should not interact or communicate with their peers.
- Students will carry only their essential stationery like pens, pencils, ruler and simple calculators into the examination hall.
- Bags, eatables, drinks, etc. will not be allowed inside the hall with the exception of a bottle of water.
- Cell phones, electronic data banks, scientific calculators and smart/beeping watches are prohibited in the examination hall.
- Students will answer the examination with only blue/ black ball point pens unless informed differently by faculty. Avoid usage of green or red ink pens on the answer sheet.
- Dictionaries will not be allowed into examination hall unless informed differently by faculty.



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Q.1) Answer the following questions

(4 x 2 Marks = 8marks)

1. List 2 renewable form of energy.
2. Define the term "ecosystem".
3. Illustrate an example of food web.
4. List two biodiversity hotspots in India.

Q.2 A i) Describe three methods of soil conservation that can be applied to prevent soil. (3Marks)

OR

Q.2 A ii) Outline three reasons that lead to desertification. (3 Marks)

Q.2 B. Write a note on food chain. (3 Marks)

Q.2 C. Discuss any 2 examples of endemic species found in India. (2 Marks)

Q.3 A i) What are three environmental concerns linked to agricultural crop production? (3 Marks)

OR

Q.3 A ii) Discuss how mining activities have specifically impacted the environment in Goa, its local ecosystem, biodiversity and land. (3 Marks)

Q.3 B. Discuss any three ecological or economic benefits provided by forest resources. (3 Marks)

Q.3 C. Elaborate on any two problems related to the use of groundwater. (2 Marks)

Q.4 A) i) Discuss the transfer and flow of energy within an ecosystem (3 Marks)

OR



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- Q.4 ii) With the help of diagram, explain the pyramid of numbers, Include examples of both upright and inverted pyramids. **(3 Marks)**
- Q.4 B) Describe the 3 types of biodiversity. **(3 Marks)**
- Q.4 C) Write a short note on any two threats to biodiversity. **(2 Marks)**
- Q.5 A) i) There is an immediate need to adopt renewable source of energy. Discuss any one renewable energy source which you suggest to adopt at home and in your college and Why? **(3 Marks)**
- OR**
- Q.5 A ii) Provide a detailed discussion of any one water-related conflict **(3 Marks)**
- Q.5 B) Provide a brief overview of any one ecosystem, describing its key features, structure, and functions. Include two sustainable practices that could be implemented in tourism activities within this ecosystem. **(3 Marks)**
- Q.5 C) A hotel near a coral reef has been experiencing a decline in its underwater biodiversity due to increased tourist activities. Propose two strategies the hotel could implement to help conserve this biodiversity while maintaining tourism **(2 Marks)**