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MSD-022

**MASTER OF ARTS
(SUSTAINABILITY SCIENCE) (MASS)**

Term-End Examination

June, 2024

MSD-022 : AQUATIC ECOSYSTEM

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any **ten** of the following questions.

(ii) All questions carry equal marks.

1. Explain the characteristics features of lake ecosystem. Write a short note on thermal and summer stratification. 10
2. What is river ecosystem ? Explain the characteristics of river ecosystem. Based on the distribution of aquatic organism, classify the course of river. 10
3. Explain the processes involved with the stream flow. 10

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4. Explain the measure for remediation of degraded estuarine region. 10
5. Explain the threats and challenges to marine ecosystem. 10
6. Explain the salient features of Integrated ocean management. 10
7. Explain the importance and threats to wetlands. 10
8. Explain the socio-economic and ecological values of river ecosystem. 10
9. Explain the role of aquatic ecosystem towards achieving sustainable Development Goals. 10
10. Write short notes on the following : 5+5=10
 - (a) Blue Economy
 - (b) Sustainable Industrial Production System
11. Write short notes on the following : 5+5=10
 - (a) River Rejuvenation
 - (b) Ramsar convention
12. Explain the salient features of convention on the conservation of Migratory species of wild animals. 10

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