

R5961

Sub. Code

465101

**P.G. DIPLOMA IN SCUBA DIVING EXAMINATION,
NOVEMBER – 2021**

First Semester

MARINE BIODIVERSITY

(CBCS – 2020 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

Each answer should be in about 10 words.

1. Biosphere Reserve
2. Alien species
3. Extinct
4. IUCN
5. Mollusca
6. Elasmobranchs
7. Vulnerable
8. Evenness
9. Mangroves
10. Estuary

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

All questions carry equal marks.

Each answer should be in about 500 words.

11. (a) write short notes on Gulf of Mannar bioresources.

Or

- (b) Explain the biodiversity assessment techniques.

12. (a) Expound the endangered species.

Or

- (b) Write short note on the implication of resource management.

13. (a) Explain distribution and adaptation of phylum Echinodermata.

Or

- (b) Briefly explain the adaptation of marine fishes in the class Pisces of vertebrates.

14. (a) Discuss about the genetic diversity.

Or

- (b) Comment on Species richness.

15. (a) Conclude the Seagrass ecosystem.

Or

- (b) What are the management aspect of island ecosystems?

Part C

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

Each answer should be in about 1000 words.

16. Explain the marine biodiversity and its importance.
 17. Conclude the marine Policies.
 18. Give detail account on the importance, representative in the Class Mammalia and their adaptations.
 19. Discuss about the threatened and vulnerable species.
 20. Elaborate the Coral reef ecosystem.
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