

M.Sc Integ in App Geo Sem-4 Examination

EC 202

Oceanography & Marine Science

May 2022

Time : 2-00 Hours]

[Max. Marks : 50

Instructions : All questions in **Section –I** carry equal marks.
 Attempt any **Three** questions in **Section-I**.
 Questions I in **Section-II** is **COMPULSORY**.

Section-i

Q-I	A. Define the Ocean and Fundamentals of Ocean and discuss about oceans type with percentage of water?	7
	B. What is the continental Margin? Type of continental Margin describe briefly with diagram?	7
Q-II	A. Explain the Marine Provinces (ocean environments)?	7
	B. Explain the Interior of Earth with Diagram?	7
Q-III	A. Discuss the Theory of Plate Tectonics with Suitable example.	7
	B. What is Marine Sediment? Types of sediments and classification?	7
Q-IV	A. Explain the theory of water cycle?	7
	B. Types of Current and how to measure it?	7
Q-V	A. What is wave? Component of Wave and type of wave?	7
	B. Define tide? Classification of Tide?	7
Q-VI	A. Explain the Beaches and shoreline in details?	7
	B. Discuss the Migration and coastal Erosion? How Human Interference with Shorelines?	7
Q-VII	A. Explain Biological Productivity in the Ocean?	7
	B. Explain Animals of the Pelagic Environment?	7
Q-VIII	A. Explain the Diversity of Planktonic and benthic Animals?	7
	B. Explain Physical Environment of the Sediment?	7

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Section II

QIX	<p>MCQs</p> <p>1). Magma is generally made up of</p> <ul style="list-style-type: none">a) Molten metalsb) molten sandc) molten rocksd) Boiling Water <p>2). What is swash?</p> <ul style="list-style-type: none">a) Rivers carry more sediment into the Pacific Ocean compared to the Atlantic Ocean.b) Rivers carry more sediment into the Atlantic Ocean compared to the Pacific Ocean.c) Rivers carry about the same amounts of sediment into both oceans.d) Rivers are not typically a source of sediment in either ocean. <p>3). S Waves can pass through_____.</p> <ul style="list-style-type: none">a) solids onlyb) gases onlyc) liquids onlyd) all of the above <p>4). Where ocean water mixes with fresh water, like at the mouth of a river, the salinity will be -----</p> <ul style="list-style-type: none">a) Higherb) Lowerc) Mediumd) Equal	8
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