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**M. Sc. (Geography) 2nd Semester
Examination – May, 2019**

OCEANOGRAPHY

Paper : 16GEOG203CC

Time : Three hours] [Maximum Marks : 80
Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard will be entertained after examination.

Note : Attempt five questions in all. Question No. 9 (Unit-V) is compulsory. Attempt four other questions, selecting one question from each Unit. All questions carry equal marks.

UNIT – I

1. Knowledge about the oceanography is still fragmentary and inadequate. Elucidate in the light of scope of oceanography. 16

2. While defining the sea floor spreading discuss the main evidences that support the Wegner's drift hypothesis 16

UNIT – II

3. Origin of continental shelf has divergence of opinion among oceanographers. Discuss the opinion of various oceanographers regarding the origin of continental shelf. 16
4. Critically evaluate the subsidence theory about the origin of coral reefs. 16

UNIT – III

5. Write a clearly argued essay on various economic impacts of ocean currents. 16
6. Discuss the typical water temperature with depth in the deep ocean with suitable examples. 16

UNIT - IV

7. Discuss various consequences of sea level changes on coastal cities of India. 10
8. What are the different types of marine resources? Elaborate on the physical resources available in the oceans. 10

UNIT - V

9. Write short notes (not more than 50 words for each) on the following : 2 × 8 = 16
- (a) Marine geology
- (b) Challenger Expedition
- (c) Trough
- (d) Barrier reef

- (e) Thermohaline
- (f) Gulf Stream
- (g) OTEC
- (h) Oil slicks