

**2 0 2 5**

( CBCS )

( 6th Semester )

**GEOGRAPHY**

**TWELFTH (A) PAPER**

**( Oceanography )**

( Revised )

*Full Marks : 75*

*Time : 3 hours*

*The figures in the margin indicate full marks for the questions*

**( SECTION : A—OBJECTIVE )**

( Marks : 10 )

Tick (✓) the correct answer in the brackets provided :

1×10=10

1. The ocean having the deepest area is the

- (a) Atlantic Ocean ( )
- (b) Pacific Ocean ( )
- (c) Indian Ocean ( )
- (d) Arctic Ocean ( )

2. Which of the following oceans looks like the English alphabet 'S'?

- (a) The Indian Ocean ( )
- (b) The Pacific Ocean ( )
- (c) The Atlantic Ocean ( )
- (d) The Arctic Ocean ( )

3. The ocean current which moves fast is called
- (a) stream ( )
  - (b) tide ( )
  - (c) wave ( )
  - (d) drift ( )
4. The movement of sea water towards the coast is called
- (a) ebb ( )
  - (b) tide ( )
  - (c) conjunction ( )
  - (d) syzygy ( )
5. Which of the following is terrigenous deposit?
- (a) Diatom oozes ( )
  - (b) Red clay ( )
  - (c) Silt ( )
  - (d) Meteoritic dust ( )
6. Which of the following is an abiotic resource?
- (a) Moss ( )
  - (b) Petroleum ( )
  - (c) Coral ( )
  - (d) Lichen ( )
7. A ring of narrow growing coral reefs with horseshoe shape is called
- (a) atoll ( )
  - (b) fringing reef ( )
  - (c) barrier reef ( )
  - (d) None of the above ( )
8. The glacial control theory of coral reef formation was propounded by
- (a) Darwin ( )
  - (b) Murray ( )
  - (c) Daly ( )
  - (d) W. M. Davis ( )

9. Which of the following is included in marine pollutant?
- (a) Seaweed ( )
  - (b) Lichen ( )
  - (c) Plastic ( )
  - (d) Alga ( )
10. Which of the following is the law to conserve the marine pollution?
- (a) Law of high sea ( )
  - (b) Law of gravity ( )
  - (c) Law of overfishing ( )
  - (d) None of the above ( )

**( SECTION : B—SHORT ANSWERS )**

( Marks : 15 )

Write short notes on/Answer the following :

3×5=15

UNIT—I

1. Abyssal plain

OR

2. Continental shelf of the Indian Ocean

UNIT—II

3. Horizontal distribution of ocean salinity

OR

4. Neap tide

UNIT—III

5. Terrigenous deposits

OR

6. Biotic resources

UNIT—IV

7. Coral bleaching

OR

8. Barrier reef

UNIT—V

9. Define marine pollution.

**OR**

10. Causes of sea level rise

( SECTION : C—DESCRIPTIVE )

( Marks : 50 )

Answer the following :

10×5=50

UNIT—I

1. Discuss the nature and scope of oceanography.

5+5=10

**OR**

2. Describe the bottom topography of the Indian Ocean.

10

UNIT—II

3. Give a brief description of horizontal and vertical distribution of temperature of ocean water.

10

**OR**

4. Define ocean current. Discuss the Pacific Ocean currents in detail.

2+8=10

UNIT—III

5. Discuss the various types of ocean deposits.

10

**OR**

6. Evaluate the biotic and abiotic marine resources.

5+5=10

UNIT—IV

7. Discuss the different types of coral reefs.

10

**OR**

8. Give an account of Murray's Stand-Still theory of coral reef.

10

UNIT—V

9. What are the main factors responsible for the change of sea level in the world?

10

**OR**

10. Discuss the various sources of marine pollution. Describe the international laws to minimize the various marine pollutants.

4+6=10

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