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( CBCS )

( 1st Semester )

**GEOGRAPHY**

FIRST PAPER

( **Physical Geography** )

( 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. Marquis de Laplace propounded the Nebular hypothesis in

(a) 1679      (    )

(b) 1769      (    )

(c) 1796      (    )

(d) 1976      (    )

2. Which of the following has the longest geological timescale?

(a) Precambrian ( )

(b) Cambrian ( )

(c) Palaeozoic ( )

(d) Cainozoic ( )

3. Wave-cut platforms are the products of

(a) depositional action of rivers ( )

(b) erosional action of rivers ( )

(c) transportational action of rivers ( )

(d) None of the above ( )

4. Which movement is associated with mountain building forces?

(a) Orogeny ( )

(b) Epeirogeny ( )

(c) Fault ( )

(d) None of the above ( )

5. What is the point on the earth's surface vertically above the focus of the earthquake called?

(a) Eye ( )

(b) Centre focus ( )

(c) Seismic zone ( )

(d) Epicentre ( )

6. Who developed the theory of seafloor spreading?

(a) Thompson ( )

(b) Arthur Holmes ( )

(c) Malthus ( )

(d) Morgan ( )

7. The deepest part of ocean floor is

(a) oceanic basin ( )

(b) abyssal plain ( )

(c) mid-oceanic ridge ( )

(d) trench ( )

8. Which current is a warm ocean current of the Pacific Ocean?

(a) Kuroshio current ( )

(b) Humboldt current ( )

(c) Canary current ( )

(d) Labrador current ( )

9. Continental rainfall is characterised by

(a) normal precipitation ( )

(b) minimum precipitation ( )

(c) maximum precipitation ( )

(d) None of the above ( )

10. Which of the following is not a component of hydrological cycle?

(a) Hale ( )

(b) Fog ( )

(c) Dew ( )

(d) Gully ( )

**( SECTION : B—SHORT ANSWERS )**

( Marks : 15 )

Write short notes on the following : 3×5=15

**UNIT—I**

1. Tertiary period

**OR**

2. Interstellar dust hypothesis

**UNIT—II**

3. Endogenic forces

**OR**

4. Epeirogenic movements

**UNIT—III**

5. Sedimentary rocks

**OR**

6. World distribution of volcanoes

**UNIT—IV**

7. Causes of tides

**OR**

8. Ocean currents

**UNIT—V**

9. Meaning of hydrology

**OR**

10. Potential evapotranspiration

**( SECTION : C—DESCRIPTIVE )**

( Marks : 50 )

Answer the following :

10×5=50

**UNIT—I**

1. Discuss the nature and scope of physical geography.

**OR**

2. What is geological timescale? Divide the geological history of the earth into various divisions and discuss it briefly.

3+7=10

**UNIT—II**

3. Describe the various erosional landforms produced by the action of river.

**OR**

4. Discuss the various landforms created by wind action.

**UNIT—III**

5. Explain the theory of continental drift as presented by Alfred Wegener.

**OR**

6. Describe the theory of seafloor spreading.

**UNIT—IV**

7. Discuss the global distribution of salinity of ocean water.

**OR**

8. Illustrate the surface configuration of the ocean floor with appropriate diagram.

UNIT—V

9. Discuss the different types of rainfall.
- OR
10. Explain the impact of human activities on hydrological cycle.

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