

M.A. (SEM/CR) CBCS Part-II Semester-III Examination: March/April-2023**Geography (Compulsory) Paper-IX****GEOC27: Geohydrology & Oceanography****Day and Date: Thursday, 11/05/2023****Total Marks: 60****Time: 10.30 AM To 12.30 PM****Instructions:**

1. All Questions are Compulsory.
2. All Questions carry equal marks.
3. Figures to the right indicate full marks
4. Draw the diagram wherever necessary.
5. Allowed to use map stencil, if necessary

Q.1. Choose the Correct alternatives from the following.

15

- 1 An.....is a ground water reservoir composed of geologic units that are saturated with water and sufficiently permeable.
1. Aquiclude 2. Aquifer 3. Runoff 4. Sub-Surface
- 2 Major source of oceanic salinity is.....
1. Ash from volcano 2. River 3. Land 4. Wind
- 3 An.....is a ground water reservoir composed of geologic units that are saturated with water and sufficiently permeable.
1. Aquifer 2. Aquiclude 3. Evaporation 4. Infiltration
- 4 Waterconcerning to different rock strata.
1. Stream 2. Runoff 3. Subsurface 4. None of these
- 5 is the process by which water vapor in the air is changed into liquid.
1. Condensation 2. Percolation 3. Runoff 4. Evaporation
- 6 Who among the following coined the term oceanography?
1. Herodotus 2. Sir John Murray 3. Ritter 4. Fort Ricasoli
- 7 What are following topographic features of oceanic floor?
1. Waddy 2. Eskers 3. Continental shelf 4. Drumlin
- 8 Wave cut landform is related toareas.
1. Polar 2. Aeolian 3. Coastal 4. All of these
- 9 The highest salinity is found in.....
1. Dead Sea 2. Red Sea 3. Lake Chad 4. Lake Van
- 10 is the major environmental issue in India concerning water.
1. Water pollution 2. Water logging 3. Water table 4. Scarcity water
- 11 Following is the consider to ocean currents and sea level changes.
1. Swamp 2. Flood 3. El-Nino 4. None of these
- 12 Gulf stream is which type of current?
1. Surface 2. Plane 3. Cold 4. Warm

13 Which among the following given oceans does El Niño occur?

1. Atlantic 2. Arctic 3. Pacific 4. Indian

14 What is the movement of each particle in a wave?

1. Elliptical 2. Circular 3. Rectangular 4. Vertical

15 A is an underwater ecosystem characterized by reef-building coral.

1. Ocean Current 2. Continental Slope 3. Coral reef 4. Mangroves

Q.2. Write short Notes (Three out of Four) .

15

- 1 Occurrence of ground water
- 2 Evapotranspiration
- 3 Topography of Ocean floor
- 4 Sea waves

Q.3. Write short Answers (Three out of Four) .

15

- 1 What are ground water regimes? Explain the ground water regimes in India.
- 2 Give a brief account of origin and evolution of island arcs.
- 3 What are the different properties of oceanic water.
- 4 Define coral reef. What are the types of coral reef?

Q.4.. Answer the following question on broad. (One out of two).

15

- 1 Define hydrological cycle. Explain the detail process of hydrological cycle.
- 2 Explain the topography of the oceanic floor with suitable diagram..

Model Answer Paper

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GEOC27: Geohydrology & Oceanography

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Option 1

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3 An.....is a ground water reservoir composed of geologic units that are saturated with water and sufficiently permeable.

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Option 1

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5 is the process by which water vapor in the air is changed into liquid.

1. Condensation 2. Percolation 3. Runoff 4. Evaporation

Option 1

- 6 Who among the following coined the term oceanography?
1.Herodotus 2.Sir Jhon Murrey 3.Ritter 4. Fort Ricasoli

Option 2

- 7 What are following topographic features of oceanic floor?
1.Waddy 2.Eskers 3.Continental shelf 4.Drumlin

Option 4

- 8 Wave cut landform is related toareas.
1.Polar 2.Aeolian 3.Coastal 4.All of these

Option 3

- 9 The highest salinity is found in.....
1.Dead Sea 2.Red Sea 3.Lake Chad 4.Lake Van

Option 4

- 10 is the major environmental issue in India concerning water.
1.Water pollution 2.Water logging 3.Water table 4.Scarcity water

Option 1

- 11 Following is the consider to ocean currents and sea level changes.
1. Swamp 2. Flood 3.El- Nino 4.None of these

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1.Surface 2.Plane 3.Cold 4.Warm

Option 4

- 13 Which among the following given oceans does El Niño occur?
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Option 3

- 14 What is the movement of each particle in a wave?
1.Eliptical 2.Circular 3.Rectangale 4.Vertical

Option 2

- 15 A is an underwater ecosystem characterized by reef-building coral.
1.Ocean Current 2.Continental Slope 3.Coral reef 4.Mangrooves

Option 3

Q.2. Write short Notes (Three out of Four) .

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- 1 Occurance of ground water

Ans:

- 2 Evapotranspiration

Ans:

- 3 Topography of Ocean floor

Ans:

- 4 Sea waves

Ans:

Q.3. Write short Answers (Three out of Four) .

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- 1 What are ground water regimes? Explain the ground water regimes in India.

Ans:

2 Give a brief account of origin and evolution of island arcs.

Ans:

3 What are the different properties of oceanic water.

Ans:

4 Define coral reef. What are the types of coral reef?

Ans:

Q.4.. Answer the following question on broad. (One out of two).

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1 Define hydrological cycle. Explain the detail process of hydrological cycle.

Ans:

2 Explain the topography of the oceanic floor with suitable diagram..

Ans:
