

M.A. (SEM/CR) CBCS Part-II Semester-III Examination: Oct/Nov.-2023

Geography (Compulsory) Paper-IX

GEOC27: Geohydrology & Oceanography

Day and Date: Saturday, 09/12/2023

Total Marks: 60

Time: 11.00 AM To 1.00 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 Name the process of filtration of water to the inner layers of soil. nature.
 1. Infiltration 2. Runoff 3. Percolation 4. Evaporation
- 2 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
- 3 Name the process of filtration of water to the inner layers of soil.
 1. Runoff 2. Infiltration 3. Condensation 4. evaporation
- 4 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
- 5 Water concerning to different rock strata.
 1. Stream 2. Runoff 3. Subsurface 4. None of these
- 6 Who among the following coined the term oceanography?
 1. Herodotus 2. Sir Jhon Murrey 3. Ritter 4. Fort Ricasoli
- 7 percentage of Earth surface which is covered by oceans and seas.
 1. 98 2. 97. 3. 33 4. 28
- 8 landform is related to coastal areas.
 1. Waterfall 2. Mesa 3. Sea cliff 4. Eskers
- 9 Volcanic island arcs are associated with _____
 1. ocean-continent convergent plate boundaries 2. transform plate boundaries 3. divergent plate boundaries 4. ocean-ocean convergent plate boundaries
- 10 Which of the following are not associated with convergent plate margins.
 1. Island arcs 2. Rift valleys 3. Deep-sea trenches 4. Deep-focus earthquakes
- 11 Following is the consider to ocean currents and sea level changes.
 1. Swamp 2. Flood 3. El- Nino 4. None of these

12 Where is New Moore island located?

- 1.Bay of Bengal 2.Red sea 3.Dead Sea 4.Baltic sea

13 The distance between two wave crests is called the _____

- 1.Submarine 2.Shore 3.Wavelength 4.Horn

14 Following are the following are major movements of Ocean water?

- 1.Wave 2.Tides 3.Currents 4.Sea floor

15 Isohalines are lines joining the sameof ocean.

- 1.Density 2.Temperature 3.Salinity 4.None of these

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

15

1 Occurance of ground water

2 Ground Water Management

3 Topography of Ocean floor

4 Current in Pacific ocean

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

15

1 What is surface water? Distingwish between surface and sub-surface water.

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

3 What are the chemical composition of oceanic water.

4 What are the diferent properties of oceanic water.

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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Option 1

2 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

Option 1

3 Name the process of filtration of water to the inner layers of soil.

1. Runoff 2. Infiltration 3. Condensation 4. evaporation

Option 2

4 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

Option 1

5 Waterconcerning to different rock strata.

- 1.Stream 2.Runoff 3.Subsurface 4.None of these

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 percentage of Earth surface which is covered by oceans and seas.

- 1.98 2.97. 3.33 4.28

Option 2

8 landform is related to coastal areas.

- 1.Waterfall 2.Mesa 3.Sea cliff 4.Eskers

Option 3

9 Volcanic island arcs are associated with _____

- 1.ocean-continent convergent plate boundaries 2.transform plate boundaries 3.divergent plate boundaries 4.ocean-ocean convergent plate boundaries

Option 4

10 Which of the following are not associated with convergent plate margins.

1. Island arcs 2. Rift valleys 3.Deep-sea trenches 4.Deep-focus earthquakes

Option 2

11 Following is the consider to ocean currents and sea level changes.

1. Swamp 2. Flood 3.El- Nino 4.None of these

Option 1

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Option 2

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

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1 Occurance of ground water

Ans:

2 Ground Water Management

Ans:

3 Topography of Ocean floor

Ans:

4 Current in Pacific ocean

Ans:

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

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Ans:

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

Ans:

3 What are the chemical composition of oceanic water.

Ans:

4 What are the diferent properties of oceanic water.

Ans:

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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:
