Seat No.
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## 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
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Time: 11.00 AM To 1.00 PM

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- 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

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

l	Name the	process of	filtration	of water t	to the inn	er layers o	of soil. nature.
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- 1. Infiltration 2.Runoff 3.Percolation 4.Evaporation
- 2 An.....is a ground wataer reservior composed of geologic units that are satuarted with water and sufficiently permiable.
  - 1. Aquelude 2. Aquifer 3. Runoff 4. Sub-Surface
- 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

1.Bay of Bengal 2.Red sea 3.Dead Sea 4.Baltic sea  13 The distance between two wave crests is called the	12	Where is New Moore island located?					
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 same		1.Bay of Bengal 2.Red sea 3.Dead Sea 4.Baltic sea					
1. Wave 2. Tides 3. Currents 4. Sea floor  1. 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).  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 different 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 hydroligical cycle.	13	3 The distance between two wave crests is called the					
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	Q.	4 Answer the following question on broad. (One out of two).	15				
2 Explain the tanography of the oceanic floor with suitable diagram	1	1 Define hydrological cycle. Explain the detail process of hydroligical cycle.					
2 Explain the topography of the occame moor with suitable diagram.	2	Explain the topography of the oceanic floor with suitable diagram					

## **Model Answer Paper**

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Total Marks: 60

Time: 11.00 AM To 1.00 PM

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

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- 1 Name the process of filtration of water to the inner layers of soil. nature.
  - 1. Infiltration 2.Runoff 3.Percolation

### Option 1

An.....is a ground wataer reservior composed of geologic units that are satuarted with water and sufficiently permiable.

4.Evaporation

1. Aquelude 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

Option 1

- 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	Waterconcerning to different rock strata.						
	1.Stream 2.Runoff 3.Subsurface 4.None of these						
6	Option 1 Who among the following coined the term oceanography?						
	1.Herodotus 2.Sir Jhon Murrey 3.Ritter 4. Fort Ricasoli						
7	Option 2 percentage of Earth surface which is covered by oceans and seas.						
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	1.Waterfall 2.Mesa 3.Sea cliff 4.Eskers						
9	Option 3 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	Option 4 Which of the following are not associated with convergent plate margins.						
10	1. Island arcs 2. Rift valleys 3.Deep-sea trenches 4.Deep-focus earthquakes						
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Q.2	Option 2  .Write short Notes (Three out of Four).	15					
1	Occurance of ground water						
	Ans:						
2	Ground Water Management						
	Ans:						
3	Topography of Ocean floor						
	Ans:						
4	Current in Pacific ocean						
	Ans:						

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	Ans:				
2	Explain the topography of the oceanic floor with suitable diagram				
	Ans:				
1	Define hydrological cycle. Explain the detail process of hydroligical cycle.				
<b>Q.</b> 4	Q.4 Answer the following question on broad. (One out of two).				
	Ans:				
4	What are the different properties of oceanic water.				
	Ans:				
3	What are the chemical composition of oceanic water.				
	Ans:				
2	Give a brief account of origin and evolution of island arcs.				
	Ans:				
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