



DMM-3345

**B. Sc. (Environment Sciences) (Sem. IV)
(CBCS) Examination**

March / April - 2016

ENV-402 : Water Resources

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> B. Sc. (ENVIRONMENT SCIENCES) (SEM. 4) (CBCS)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> ENV-402 : WATER RESOURCES	<input type="text"/>
Subject Code No. : <input type="text"/> 3 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5	<input type="text"/>
Section No. (1, 2,.....) : <input type="text"/> NIL	
	Student's Signature

- (2) Figures to the right indicate full marks of the question.
(3) Draw neat and labeled diagrams whenever necessary.

1 Give specific answers : 12

- (1) What is Aquifer? How it's differ from confined Aquifer?
- (2) Define the terms hydrology and hydrogeology.
- (3) What is water table? Give its significance.
- (4) Explain the terms: Marine water, moraine.
- (5) Enlist the zones in ground water. Give its composition.
- (6) What is piezometer? How it's useful in hydrological study?

2 Comment on/explain any two of the following : 12

- (1) It is important to know physicochemical characteristics of water.
- (2) Overuse of water is responsible for water scarcity.
- (3) A strategy of ground water management has significant.

- 3** Attempt any two of the following : **16**
- (1) Discuss in detail sources of ground water.
 - (2) Describe the method of Rain water harvesting.
 - (3) Explain in detail biodiversity of marine environment.
- 4** Write short notes on any two of the following : **10**
- (1) Conservation of water
 - (2) Desalination of brackish water
 - (3) Ground water recharging.
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