

**BA/B.Sc. GEOGRAPHY  
FIRST SEMESTER  
HYDROLOGY & SOIL STUDIES**

**SET  
A**

**BGE – 102**

[USE OMR FOR OBJECTIVE PART]

Duration: 1:30 hrs.

Full Marks: 35

Time: 15 mins.

( Objective )

Marks: 10

*Choose the correct answer from the following:*

**1×10=10**

1. When clouds get too heavy to hold water in the water cycle, what happens?
  - a. The water falls to the Earth
  - b. The water evaporates
  - c. Another cloud forms
  - d. The clouds get very large
2. What turns water on the Earth into vapor in the water cycle?
  - a. The moon
  - b. Water treatment centers
  - c. The sun
  - d. Global warming
3. The word '*Hydrology*' is derived from \_\_\_\_\_.
  - a. Roman
  - b. Greek
  - c. German
  - d. Arabic
4. Which of the following soils is very hard to cultivate?
  - a. Alluvial
  - b. Black
  - c. Red
  - d. Sandy
5. Why is crop rotation necessary?
  - a. To increase the fertility of soil
  - b. To increase the quantity of minerals
  - c. To reduce the quantity of proteins
  - d. To plough various types of crop
6. How many different types of soils are found in India as per the Indian Council of Agricultural Research?
  - a. 7
  - b. 8
  - c. 5
  - d. None of these
7. Which of the following soil is having maximum water retention capacity?
  - a. Red
  - b. Regur
  - c. Desert
  - d. Laterite
8. In India the maximum area is covered by which type of soil?
  - a. Laterite
  - b. Red
  - c. alluvial
  - d. sandy

9. What is the other name of Regur soil?
- a. Black soil
  - b. Red
  - c. Alluvial
  - d. Laterite soil
10. The ocean hold as large as \_\_\_\_\_ % of the earth's water
- a. 97
  - b. 79
  - c. 96
  - d. 98

**( Descriptive )**

Time : 1 hr. 15 min.

Marks : 25

*[ Answer question no.1 & any two (2) from the rest ]*

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|---|--------|
| 1. Discuss the causes of flood.   | 5      |
| 2. What is water cycle? Explain different components of water cycle.              | 2+8=10 |
| 3. Explain River Water Dispute in India with example.                             | 10     |
| 4. What are the Components of soil and represent soil horizon with diagram?       | 5+5=10 |
| 5. What is meant by soil conservation? Write some major soil conservation method. | 5+5=10 |

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