

Roll No. :

Total No. of Questions : 16]

[Total No. of Printed Pages : 3

CENV-116

M.Sc. (Ist Semester) Examination, Jan.-2023

ENVIRONMENTAL SCIENCE

Paper - ESCC-102

(Environment Geoscience)

Time : 3 Hours]

[Maximum Marks : 40

The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

Note :- Answer all the *ten* questions carries 1 mark each. The answer should not exceed 50 words.

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer *five* questions by selecting at least *one* question from each Unit. Each question carries 3 marks. Answer should not exceed 200 words.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer *three* questions by selecting *one* question from each Unit. Each question carries 5 marks. The answer should not exceed 500 words.

BRI-945

(1)

CENV-116 P.T.O.

Section–A

1. (i) Define Drought.
- (ii) What is Desertification ?
- (iii) What is Climate ?
- (iv) What is Geological Hazards ?
- (v) What is Land Subsidence ?
- (vi) Write the name of major plates.
- (vii) Write full form of ENSO.
- (viii) Define Monsoon.
- (ix) Define the concept of Land use pattern.
- (x) What do you understand by earthquake prone areas ?

Section–B

Unit–I

2. Explain the concept of conservation of matters in various spheres.
3. Illustrate the conceptual aspect of El-NINO.
4. Write a note on Biogeochemical Cycle.

Unit–II

5. Discuss the plate tectonic theory in detail.
6. What are the Earth Processes ?
7. Discuss the classification of climate type in India.

Unit–III

8. Write detailed account on REE.
9. Discuss the mobilization of trace elements in various Spheres.
10. Write a note on deficiency of some trace elements.

Section–C

Unit–I

11. Describe the origin and possible impacts of tropical cyclones.
12. Describe the concept of Albedo on earth system.

Unit–II

13. Discuss the perception and predication aspect of any disaster with example.
14. Discuss the various aspect of flood management in India.

Unit–III

15. Discuss the role of geological classification in perspective of Climate ?
16. Illustrate the geological time scale in detail.