Reg. No…… Name…… **26U211**

B A, B SC, B COM DEGREE END SEMESTER EXAMINATION - APRIL 2026

UGP (HONS.) SEMESTER - 2: MULTI DISCIPLINARY COURSE

COURSE: 24UCHEMDC102: ENVIRONMENTAL CHEMISTRY

(For Regular 2025 and Improvement/Supplementary 2024 Admission)

Time: 1 Hours Max. Marks - 35

PART A

One Word Questions

(Answer all questions. Each question carries 1 Marks)

1	Which traditional water-harvesting system is commonly used in Thar desert?	(U CO1)
2	Which plant's leaves are used to control ticks and lice?	(R CO1)
3	Which natural fertilizer is commonly used in organic farming?	(R CO1)
4	Which herb is commonly used for respiratory issues?	(R CO1)
5	Which type of energy resource can naturally replenish over time?	(U CO2)
6	What farming practice causes soil compaction and reduces fertility?	(U CO2)
7	What term refers to the process of extracting minerals from the earth?	(R CO2)
8	Name one of the gases causes acid rain	(R CO3)
9	What is Chemical Oxygen Demand (COD)	(R CO3)
10	Write any one disadvantage of air pollution	(U CO3)
11	Name the gases causing ozone layer depletion	(R CO3)
12	Genetically modified plant has (a) Less yield (b) Improved yield (c) none of the above	(R CO4)
13	Give an example of biodegradable plastics.	(R CO4)
14	Name the method for the synthesis of biodiesel	(R CO4)

(1 x 14 = 14)

PART B

Short Essay Questions

(Answer any one question. Each question carries 6 Marks)

15	What is the cultural and historical importance of traditional writing practices in India?	(U CO1)
16	Write the definition, production process and advantages of (1) Green solvents (2) Biocatalysts	(U CO4)

(1 x 6 = 6)

PART C

Long Essay Questions

(Answer any one questions. Each question carries 15 Marks)

17	(A) Discuss the various types of mineral resources and their significant uses. (B) Analyze the environmental impacts of overexploiting mineral resources and suggest sustainable practices to mitigate these effects.	(R CO2)
18	(A) Explain EDTA method used for the determination of the hardness of water. (B) Explain the major causes of water pollution.	(U CO3)

(1 x 15 = 15)