

25I208

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Name :

Reg. No :

SECOND SEMESTER INTEGRATED M.Sc. GEOLOGY DEGREE EXAMINATION, APRIL 2026

(FYIP)

CC25UCHE2FM106 - CHEMISTRY IN DAILY LIFE

(Chemistry - MDC)

(2025 Admission - Regular)

Time: 1.5 Hours

Maximum : 50 Marks

Credit: 3

Part A (Short answer questions)

Answer **all** questions. Each question carries 2 marks.

1. What is presumptive assay? Give an example. [Level:1] [CO2]
2. Give two functions of hormones. [Level:1] [CO1]
3. What are NPK fertilizers? What is NPK value? [Level:1] [CO3]
4. Differentiate between hard soap and soft soap. [Level:1] [CO4]
5. What is the use of sequestrants in shampoo? [Level:1] [CO5]
6. What are bleaching creams? What are their harmful effects? [Level:1] [CO5]
7. List two ingredients used in hair dyes and their harmful effects. [Level:1] [CO5]
8. Give the structure of alizarin. [Level:1] [CO6]
9. What are narcotics? Give two examples. [Level:1] [CO6]
10. Describe the use of (a) Ranitidine (b) Cetirizine (c) Aspirin (d) Azithromycin. [Level:1] [CO6]

(Ceiling: 16 Marks)

Part B (Paragraph questions/Problem)

Answer **all** questions. Each question carries 6 marks.

11. Write notes on adrenaline and norepinephrine. [Level:1] [CO1]
12. Discuss the effects of pesticide pollution on environment. [Level:1] [CO3]
13. Write a note on perfumes. [Level:1] [CO5]
14. Write notes on: eyebrow pencils and eyeliners. [Level:1] [CO5]
15. What are vat dyes? Draw the structure of indigo. [Level:1] [CO6]

(Ceiling: 24 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

16. Discuss about the sources and functions of various water soluble vitamins and deficiency diseases caused by them. [Level:1] [CO1]
17. Explain the terms (a) pharmacy (b) pharmacology (c) pharmacophore [Level:1] [CO6]
(d) pharmacognosy (e) pharmacodynamics.

(1 × 10 = 10 Marks)
