



K25U 2553

Reg. No. :

Name :

V Semester B.A./B.A. Afsal-UI-Ulama/B.Sc./B.Com./B.T.T.M./B.B.A./
B.B.A. – T.T.M./B.B.A. – A.H./B.C.A./B.S.W./B.M.C. Degree
(C.B.C.S.S. – O.B.E. – Regular/Supplementary/Improvement)
Examination, November 2025
(2019 to 2023 Admissions)
Generic Elective Course
5D01CHE/PCH : CHEMISTRY IN SERVICE TO MAN

Time : 2 Hours

Max. Marks : 20

SECTION – A

Very short answer type. Answer **all** questions. **Each** question carries **1** mark.

1. Give any two examples of artificial fibers.
2. What are biofertilizers ?
3. Explain the term calorific value of a fuel.
4. What are the different types of glass ?
5. What are the harmful chemicals in cosmetics ?

(5×1=5)

SECTION – B

Short answer type. Answer **any 3** questions. **Each** question carries **2** marks.

6. What are biodegradable polymers ? Give examples.
7. How pesticides are classified ?
8. What is the classification of fuels ?
9. How Portland cement is manufactured ? Explain.
10. Explain the ingredients of toothpaste and deodorants.

(3×2=6)

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SECTION – C

Short essay type. Answer **any 3** questions. **Each** question carries **3** marks.

11. Explain the characteristics of natural and synthetic polymers.
12. What are fertilizers ? Explain natural, synthetic and NPK fertilizers with examples.
13. What are fuel cells ? Briefly explain different types of fuel cells.
14. Write a short note on the manufacture of ordinary glass.
15. a) What is meant by bleaching cream ?
b) What are the ingredients of talcum powder and lipstick ?

(3×3=9)