



K23U 2521

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.M.C. Degree (CBCSS – OBE –
Regular/Supplementary/Improvement) Examination, November 2023
(2019 – 2021 Admissions)
Generic Elective Course
5D01 CHE/PCH : CHEMISTRY IN SERVICE TO MAN

Time : 2 Hours

Max. Marks : 20

SECTION – A

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

1. What are synthetic polymers ? Give any one example.
2. What are herbicides ? Give one example.
3. What is meant by vulcanization of rubber ?
4. What is meant by annealing ?
5. What is the chemical name of talc ?

(5×1=5)

SECTION – B

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

6. Differentiate between thermoplastics and thermosetting plastics. Give examples for each.
7. Write a note on bio fertilizers.
8. What are the characteristics of a good fuel ?
9. Briefly explain the process of setting of cement.
10. What are the main constituents of toothpaste ?

(3×2=6)

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SECTION – C

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

11. Give the general characteristics and any two uses of the following :
 - a) LDPE
 - b) HDPE
 - c) PVC
12. Discuss the impact of overuse of pesticides on environment.
13. What are the major fractions of petroleum refining ? Give the composition and uses of any three.
14. Write a short note on different types of glasses.
15. A) List out the ingredients of lipstick. 1
B) Write a note on biodegradable polymers. 2

(3×3=9)