



K17U 1806

Reg. No.: .....

Name : .....

V Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.A.R.T.M./B.B.M./  
B.T.T.M./B.C.A./B.S.W./B.A. Afsal-UI-Ulama Degree  
(CBCSS-Reg./Sup./Imp.) Examination, November 2017

Open Course

5D01 CHE : CHEMISTRY IN SERVICE TO MAN  
(2014 Admission Onwards)

Time : 2 Hours

Max. Marks : 20

**Instruction :** Answer can be written only in **English**.

SECTION – A

Answer **all** questions. **Each** question carries 1 mark.

1. What are the disadvantages of using hard water for domestic purpose ?
2. What are pheromones ?
3. Write two examples for biodegradable polymers.
4. Mention two characteristics of good fuel.
5. What is meant by NPK value of a fertilizer ?

(5×1=5)

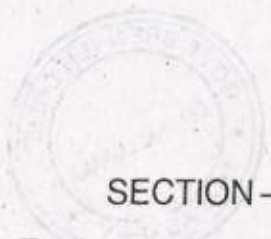
SECTION – B

Answer **any three** questions. **Each** question carries 2 marks.

6. How are fertilizers classified ? Give examples for each class.
7. Explain the importance of biofertilizers.
8. Explain the term natural rubber and thiokol rubber.
9. What are the ingredients of deodorant and talcum powder ?
10. What are the raw materials for glass manufacture ?

(3×2=6)

P.T.O.



SECTION - C

Answer **any three** questions. **Each** question carries **3** marks.

- 11. Give the composition and use of the different fractions obtained by fractional distillation of petroleum.
- 12. What are the environmental problems due to pesticides ?
- 13. Discuss classification of drugs giving examples and uses of each class.
- 14. Explain the applications of polymers.
- 15. What are the water softening methods (3×3=9)

SECTION - A

Answer all questions. Each question carries 1 mark.

- 1. What are the disadvantages of using hard water for domestic purposes ?
- 2. What are pheromones ?
- 3. Write two examples for biodegradable polymers.
- 4. Mention two characteristics of good fuel.
- 5. What is meant by NPK value of a fertilizer ?

SECTION - B

Answer any three questions. Each question carries 2 marks.

- 6. How are fertilizers classified ? Give examples for each class.
- 7. Explain the importance of diastilizers.
- 8. Explain the term natural rubber and thiokol rubber.
- 9. What are the ingredients of toothpaste and talcum powder ?
- 10. What are the raw materials for glass manufacture ?

(3×1=3)

(3×2=6)

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