

D 11179

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE  
EXAMINATION, NOVEMBER 2016**

(CUCBCSS-UG)

Open Course

**CHE 5D 02—CHEMISTRY IN EVERYDAY LIFE**

Time : Two Hours

Maximum : 40 Marks

**Section A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Give the chemical name of a drug.
2. What is a pro drug ?
3. What is an antioxidant ?
4. Name an artificial sweetener.
5. Name a synthetic polymer.
6. What are NPK fertilizers ?
7. What is a herbicide ?
8. Nylon 66 is prepared from \_\_\_\_\_.
9. TFM in soap stands for \_\_\_\_\_.
10. Name a natural dye.

(10 × 1 = 10 marks)

**Section B**

*Answer any five questions.*

*Each question carries 2 marks.*

11. Write a note on applications of dyes.
12. Define psychedelic drugs. Give one example.
13. What are the advantages of vulcanized rubber ?
14. Define Octane number.
15. Write a note on the harmful effects of cosmetics.
16. Distinguish between Hard and Soft soaps.
17. What are conducting polymers ? Give one example.

(5 × 2 = 10 marks)

**Turn over**

**Section C**

*Answer any two questions.  
Each question carries 5 marks.*

18. What is a food adulterant? Mention common adulterants found in milk, tea and chilli powder.
19. What are biodegradable plastics? Mention the applications of PGA, PLA and PHBV.
20. What is a nanomaterial? Mention their applications.

(2 × 5 = 10 marks)

**Section D**

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

21. (a) Write a note on solar cells.  
(b) Discuss the various aspects of endosulfan disaster in Kerala.  
(c) Write a note on food additives.
22. (a) What is meant by modern food habits? What are the impacts of fast food on health?  
(b) What are the importances of plastic recycling?  
(c) Write a note on pharmacodynamics and pharmacokinetics.

(3 + 3 + 4 = 10 marks)

(4 + 3 + 3 = 10 marks)

[1 × 10 = 10 marks]