

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2018

(CUCBCSS—UG)

Open Course

CHE 5D 02—CHEMISTRY IN DAILY LIFE

Time : Two Hours

Maximum : 40 Marks

Section A

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

1. Give the generic name of a drug.
2. Name a pro drug.
3. Mention an antioxidant.
4. Name an artificial sweetener.
5. Name a natural polymer.
6. Name a nitrogenous fertilizer.
7. What is a rodenticide ?
8. Bakelite is made from _____.
9. TFM in soap stands for _____.
10. The flash point of gasoline is _____ than kerosene.

(10 × 1 = 10 marks)

Section B

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

11. Write a note on the dyes indigo and alizarin.
12. What is a narcotic drug ? Give one example.
13. Mention one application of PAN and PMMA.
14. What is flash point ?
15. Write a note on the harmful effects of cosmetics.
16. Distinguish between hard and soft soaps.
17. What are the ingredients of shaving cream ?

(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 products, coffee powder and chili powder.
9. What are biodegradable plastics? Mention the applications of PGA, PLA and PHBV.
0. What is a nano-material? Mention their applications

(2 × 5 = 10 marks)

Section D

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

- (a) Discuss the importance of pesticide pollution on environment.
- (b) What are the importances of plastic recycling?
- (c) What are the importance of milk and Neera?

(3 + 3 + 4 = 10 marks)

- a) What is meant by modern food habits? What are the impacts of junk food on health?
- b) Write a note on solar cells.
- c) Discuss the various aspects of endosulfan disaster in Kerala.

(4 + 3 + 3 = 10 marks)

[1 × 10 = 10 marks]