UNDERGRADUATE (CBCS) EXAMINATION, OCTOBER 2019

Fifth Semester

(Offered by the Board of Studies in Chemistry)

Open Course - CH5OPT01 - CHEMISTRY IN EVERYDAY LIFE

2017 Admission Onwards

DC10E674

Maximum Marks: 80   Time: 3 Hours

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Sodium and Potassium metabisulphites are not recommended for the preservation of acidic foods.Why?

2. What are the characteristics of an ideal sweetener?

3. What are the ingredients of soft drinks?

4. What are anionic detergents? Give one example.

5. Detergents are safer than soaps to wash silk garments. Why?

6. What are cosmetics?

7. What are paper boards?

8. What are indigoid dyes?

9. What are antibiotics?

10. How are synthetic inorganic fertilizers classified?

11. What is the action of Gibberellins in plants?

12. What are nanomaterials?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the importance of food additives?

14. Brifely explain the harmful health effects of fast foods and junk foods?

15. Explain the limitations of soaps as cleansing agents.

16. Differentiate between deodorants and antiperspirants based on their components and action.

17. Differentiate between natural and synthetic polymers.

18. What is universal reccling symbol? Mention its significance?

19. Write a note on Drug addiction and abuse.

20. Write a note on the environmental hazards associated with artificial fertilizers.

21. Explain the use of nanomaterials in drug delivery.

$(6×5=30)$

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write a note on Food Adulteration?

23. What are the toxic effects of cosmetics?

24. How paper is manufactured? What are the environmental impacts of paper?

25. Write a note on pesticides and their classifications.

$(2×15=30)$