FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U CHE5 D02 - CHEMISTRY IN DAILY LIFE

(Chemistry - Open Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Write a note on natural rubber.

2. What are the advantages of vulcanized rubber?

3. Give the chemical name of vitamin A. What are its biological functions?

4. What is genetic code?

5. Mention a testing method for the detection of artificial or water soluble colours in chilli powder.

6. Give four applications of coconut water.

7. What are pesticides?

8. What is the difference between soap and detergent?

9. Name two compounds used to lighten the skin color in bleaching preparations.

10. Name the medicine which is effective against (a) fever (b) Mental depression (c) ulcers (d) acidity

11. Name a dye which comes under (a) basic dye (b) Direct dye (c) vat dye and (d) disperse dye

12. What is a higher calorific value?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Explain addition polymerization and condensation polymerization.

14. What are artificial hormons? How are they prepared?

15. Explain with examples of permitted colours and nonpermitted colours. Mention its harmful effects.

16. Write a note on anti-dandruff shampoos.

17. Write notes on: lipsticks and rouge.

18. Write a note on drug nomenclature. Illustrate with examples.

19. Explain natural gas and its uses.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Discuss about the definition and health effects of fast foods, instant foods, dehydrated foods and junk foods.

21. Discuss about the fractional distillation, different fractions, their composition and uses of crude oil.

(1 × 10 = 10 Marks)

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