

16U514

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Name:

Reg. No.

**FIFTH SEMESTER B.A./B.Sc./B.Com./B.B.A. DEGREE EXAMINATION,
NOVEMBER 2018
(CUCBCSS-UG)**

CC15U CHE5 D02 - CHEMISTRY IN DAILY LIFE

(Chemistry - Open Course)

(2015-Admission onwards)

Time: Two Hours

Maximum: 40 Marks

Section A

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

1. The polymer used in nonstick cookware is -----.
2. Blue baby syndrome is associated with the over contamination of ----- in water.
3. Aspartame is a food additive used as -----.
4. ----- gas is used for the artificial ripening of fruits.
5. The drugs administered for treating allergic problems are called -----.
6. The polymer used for making contact lense is -----.
7. For eliminating the accumulation of static electricity, circuit boards are coated with ----- polymer.
8. Antipyretics are used for -----.
9. Chemically artificial silk is -----.
10. BHT is a food additive used as -----.

(10 x 1 = 10 Marks)

Section B

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

11. Explain the harmful effects of cosmetics.
12. Mention the adulterants commonly used in milk, ghee, tea and chilly powder.
13. What are antiperspirants? Give an example.
14. How knocking of a petrol is related with octane number?
15. What are functional food additives?
16. Mention the differences between antibiotics and antiseptics with suitable examples.
17. What are the characteristics of a good fuel?

(5 x 2 = 10 Marks)

Section C

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

18. Briefly explain the cleansing action of soap.

19. Mention the biomedical applications of nanomaterials.

20. How are dyes classified on the basis of application?

(2 x 5 = 10 Marks)

Section D

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

21. i) Describe the mechanism of hair colouring. Mention the differences between permanent, semi-permanent and temporary hair colouring.

ii) Mention the plastic identification codes along with the properties and applications of the corresponding polymers.

22. i) Write notes on pesticide pollution and its impact on environment.

ii) Briefly discuss the refining of petroleum.

(1 x 10 = 10 Marks)
