

MAHATMA GANDHI UNIVERSITY

CBCSS, B.A/B Sc / B.Com PROGRAMMES 2011

Fifth Semester

Open Course CH5D01.5: Chemistry in Everyday life

Model Question Paper

Time: Three hours

Total weightage: 25

Section A

(Answer all questions. Each bunch of four questions carries a weightage of 1)

I. *Fill up the blanks*

1. FPO means-----
2. Soft soap generally contains-----
3. Environmental problems arising from the use of plastics is due to their_____
4. In anionic detergent the hydrophilic part is----- charged.

II

5. Write any one of the preservatives used in cosmetics.
6. Give the name of an analgesic.
7. Name an artificial sugar.
8. Give an example of a chromophoric group

III

9. Name a compound used as anti-oxidant for packed foods.
10. Give any one of the bulking agents used in cosmetics.
11. Give an example of a plant growth hormone
12. Mention the role of Parabens in cosmetics.

IV

13. Name a drug used or antifertility.
14. A soap to have the best cleansing action, it should contain ----- carbon atoms.
15. Mention the ISO paper size for standard printing and stationary.
16. ----- is used as a preservative in dried fruits and nuts.

Section B

(Answer any 5 questions. Each carries a weightage of 1)

17. Name any four food safety acts in India.
18. Name two natural fibres. Mention their use.
19. What is paracetamol chemically? What is its use?
20. Differentiate between hard and soft detergents
21. What is the function of abrasive in tooth paste?
22. What are food preservatives? Give two examples.
23. What are the requisites of a dye?
24. Give an idea on Bio fertilizers.

Section C

(Answer any 4 questions. Each carries a weightage of 2)

25. Write a note on biodegradable polymers.
26. Discuss the cleansing action of soap.
27. Discuss the role of leavening agents and taste enhancers in food industry?
28. Give the formulation of toilet powder?
29. Give a brief note on Plant growth hormones
30. Discuss the various types of detergents.

Section D

(Answer any two questions. Each carries a weightage of 4)

31. a. Discuss briefly on pesticides and herbicides. Explain its environmental impacts.
b. What are the different classifications of hair dyes?
32. Explain the following with suitable examples.
a) Preservatives b) Food Colours c) Soap additives d) Biofertilizers
33. Give a brief account of the following
a). Organic materials b). antihistamines and antacids