

End Semester Examinations - 2015-16 Even Semester - May 2016

15CH2003 Chemistry in Everyday Life

Set B

Time : 3 hrs
Total Marks: 100

1. 1. a. Explain the various methods involved in the control of AIDS and cancer. (10)
b. Mention any five common drugs banned in India and discuss the ill effects of using it. (10)

OR

2. 2. a. Write briefly about the causes, sign and symptoms, and stages of polio. (8)
b. What are the various effects of steroidal injection and name any two steroidal drug. (7)
c. Write a note on preventing diabetes through proper diet and stress free life? (5)

3. 3.a. How natural dyes are different from synthetic dyes. (6)
b. Explain the chemistry of perfumes with their classifications. (10)
c. What is microban technology? (4)

OR

4. 4. a. Give the chemical structure and name of aginomotto? (3)
b. Explain the chemistry in ice cream making. (10)
c. Give ingredients present in tooth paste and its significance. (7)
5. 5. a. What are the disadvantages of polyphenols in tea? (5)
b. Give reason. Kitchen gas burner burns yellow when a pot of boiling water overflows? (3)
c. Why flesh of the fish smells different than other meat? (6)
d. What is the source of "Lycopene" Mention its advantages and disadvantages? (6)

OR

6. 6. a. How Melatonin and Aspartame are useful for humans and write its disadvantages? (9)
b. What are the advantages and disadvantages of Citric acid (Lemon). (5)
c. Write a note on PAH? (6)
7. 7. a. Sea shells are mostly made of CaCO_3 , but are colored, why? (7)
b. The amount of iodine in iodized salt is -----?. Give its importance? (3)
c. What are the ingredients present in face powder and state each one's significance? (10)

OR

8. 8. Explain the following.
a. Water does not relieve the burning sensation of chilly. (7)

b. Sniffing dogs detect explosives and bombs. (6)

c. Cotton is highly water absorbent but dries slowly. (7)

9. 9. a. What are the ill health effects from fast food and organic food (6)
- b.. Write a note on molecule of happiness (4)
- c. How do dopamine play arole in addiction to various fun killers like drugs, alcohol , porn etc. (4)
- d. Write a note on certification marks on oil and pulses. (6)

Wishing you All the Best
