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Reg. No: .....

Name: .....

**B. VOC. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017**  
**SEMESTER IV – FOOD PROCESSING TECHNOLOGY**  
**VFP4S14TB – TECHNOLOGY OF BEVERAGES**

**Time: Three Hours**

**Maximum Marks: 80**

**PART A**

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

1. What is “coffeol”?
2. Write any two examples of distilled spirits.
3. What is ‘HFCS’?
4. The fruit juice content in fruit cordial is .....
5. What is flavored water?
6. What is caramel?

**(6×1=6)**

**PART B**

**II. Answer any seven questions. Each question carries 2 marks.**

7. Explain the classification of beverages.
8. Write a short note on dairy based beverages.
9. Define carbonated water.
10. What is BOD?
11. Explain different grades in tea.
12. What is chicory?
13. Differentiate between ‘ale’ and ‘lager’ type beer.
14. Write about the low- calorie beverages.
15. Bring out the differences between different species of coffee.
16. Write the importance of “adjuncts” in beer making.

**(7×2=14)**

**PART C**

**III. Answer any five questions. Each question carries 6 marks.**

17. Explain the roasting process and its effects in coffee processing.
18. Write a short note on malt beverages.
19. Discuss the manufacturing process of cocoa.
20. Describe the role of various ingredients in soft drinks.
21. Write a note on dry and wet methods used in of processing of coffee.
22. Write about the various fruit beverages.
23. Briefly describe the importance of BIS quality standards in bottled water.
24. Write a short note on ‘drip coffee’ and its advantages.

**(5×6=30)**

## **PART D**

### **IV. Answer any two questions. Each question carries 15 marks.**

25. List the different methods of decaffeination process.
26. Write in detail about the role of yeast and fermentation process in different alcoholic beverages.
27. Discuss the quality evaluation and methods of water treatment process in packaged drinking water.
28. Explain in detail the types, chemical composition and processing of tea.

**(2×15=30)**