

B.VOC. DEGREE EXAMINATION, JANUARY 2019**Second Semester****Core Course—FOOD ADDITIVES**

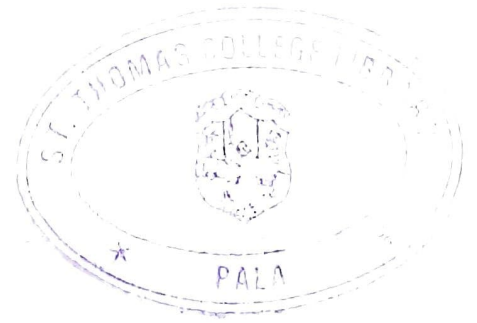
(For B.Voc. Programme in Food Processing and Technology)

Time : Three Hours

Maximum : 80 Marks

Part A*Answer all the questions in one or two sentences.**Each question carries 1 mark.*

1. Define Food Additives.
2. Why are preservatives used ?
3. What are synthetic additives ?
4. Define Stabiliser.
5. What is a Sweetener ?
6. What are Anti-staling agents ?
7. Explain Texturizers.
8. Define Food standard.
9. What is a Mandatory law ?
10. Define Artificial colouring.



(10 × 1 = 10 marks)

Part B*Answer any eight of the following in not more than 50 words.**Each question carries 2 marks.*

11. How are food additives classified ?
12. What is the application of a thickener ?
13. What are the most common chemical food preservatives ?
14. Explain Antioxidants.
15. What is the function of food flavours ?

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16. Mention the technical benefits of food flavours.
17. Explain Bodying agents.
18. What are dietary supplements ?
19. Write down the tenderizing agents in Indian cooking.
20. What is FSSAI ?
21. Discuss the properties of Whipping agents.
22. Why the permitted level of food additives are important ?

(8 × 2 = 16 marks)

Part C

*Answer any **six** of the following in not more than 100 words.*

Each question carries 4 marks.

23. Mention some of the Food Additives.
24. What are the risks of food additives ?
25. Difference between Class-I and Class-II Preservatives.
26. Write a note on Clouding agents.
27. Explain Viscosity Modifiers.
28. What are food laws ?
29. Mention any *five* controversial food additives.
30. Discuss about the present status of various food additives.

(6 × 4 = 24 marks)

Part D

*Answer any **two** of the following in not more than 400 words.*

Each question carries 15 marks.

31. Write an essay on the Functional classification of Food Additives.
32. Discuss some of the applications of Sweetener.
33. Write a note on the various Minor Food Additives.
34. Give a brief note on Voluntary Standard.
35. Analyse the significance of GRAS.

(2 × 15 = 30 marks)