



QP CODE: 24026928



24026928

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

B.Sc Food Science & Quality Control Model III

Core Course - FS3CRT09 - SENSORY EVALUATION

2017 Admission Onwards

EFD3B0D6

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Discuss on how is texture affecting the quality of food.
2. Define brittleness.
3. Discuss on sample presentation.
4. List out the rules to be followed during the preparation of evaluation card.
5. Discuss on Thaumatin.
6. Define receptors.
7. Explain triangle test.
8. Demonstrate an outline for the evaluation card for sensitivity threshold test.
9. List the applications of difference tests.
10. Distinguish between statistic and parameter.
11. Define mode.
12. Define variance.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Discuss on the off flavours developed during storage and deep frying of oil.
14. Explain briefly about the essential features of sensory booth.
15. Explain in detail about the criteria for the selection of panel members and discuss on different categories of panel members.
16. Explain briefly about the classification of sensory mouthfeel in relation to the textural characteristics of food.
17. Explain the structure of olfactory epithelium and olfactory bulb.
18. Illustrate the sensory tests will you choose to determine the consumer acceptance.
19. Explain briefly about scoring tests.
20. Define hypothesis and write on different types of hypothesis.
21. Compute the steps for carrying out the chi square test.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain in detail about different quality attributes of the food.
23. Describe on general testing conditions required for sensory evaluation.
24. Explain in detail about the structure of eye and importance of colour in sensory evaluation.
25. Explain in detail about threshold test and descriptive test.

(2×15=30)

