

**B.VOC. DEGREE EXAMINATION, JUNE 2018****Fifth Semester**

Core Course—FPT5S1T—FOOD PACKAGING

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

Time : Three Hours

Maximum : 80 Marks

**Part A***Answer all questions.**1 mark each.*

1. Explain moisture inter changes.
2. What is impact resistance ?
3. Explain vacuum packing ?
4. Mention importance of polyamide.
5. What are dehydrated foods ?
6. What is tetra pack ?
7. Mention how spices can be packed.
8. What is TFS ?
9. What is intelligent packaging ?
10. Explain WVTR.

(10 × 1 = 10 marks)

**Part B***Answer any eight questions.**2 marks each.*

11. Write about polyvinyl chloride.
12. Explain MAP and CAP.
13. Explain HM HDPE.
14. Write about edible films.
15. Write about global migration of plastics.

**Turn over**

16. Explain insect resistant packing.
17. Explain importance of cellophane.
18. What is LLDPE ?
19. Explain aroma permeability.
20. Mention important criteria for selection of packaging material.
21. Explain importance of canned foods.
22. Mention importance of quality checking in packed food materials.

(8 × 2 = 16 marks)

### Part C

*Answer any **six** questions.*

*4 marks each.*

23. Give an account on transportation hazards of packages.
24. Describe modern concepts in packaging techniques.
25. Explain interaction of food with packages.
26. Explain the requirement for effective packaging.
27. Write about packaging of vegetables.
28. Write a note on packaging requirement for meat products.
29. Give an account on importance of paper in packaging.
30. Explain semi rigid packaging. How is it different from rigid packaging ?
31. Write about importance of polypropylene and polystyrene in packaging.

(6 × 4 = 24 marks)

### Part D

*Answer any **two** questions.*

*15 marks each.*

32. Write an account on food packaging laws, Mention the significance.
33. Give an account on different types of food containers.
34. Explain classification of packaging
35. Explain types of flexible packaging material and its significance.

(2 × 15 = 30 marks)