

D 30525

(Pages : 2)

Name.....

Reg. No.....

**FIFTH SEMESTER (CBCSS-UG) DEGREE EXAMINATION
NOVEMBER 2022**

Food Technology

FTL 5B 11—FOOD PRESERVATION AND PACKAGING TECHNOLOGY

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

Section A*Each question carries 2 marks. (Max. 20 marks)*

1. What is dehydrofreezing ?
2. What are the disadvantages of food irradiation ?
3. Enlist the types of fermentation.
4. Mention any one application of nanotechnology in food processing.
5. What are the characteristics of Retort pouch packaging ?
6. What is the frequency of ultrasound waves used in ultrasonic food processing ?
7. Difference between packaging and labelling.
8. What is smart packaging ?
9. What is Retrogradation ?
10. What is the action of sulphur dioxide in food preservation ?
11. How does pulsed electric field preserve food ?
12. Expand MAP and CAP.

Section B*Each question carries 5 marks. (Max. 30 Marks)*

13. Application of plastic in food processing.
14. What are the properties of microwave ?
15. What are the different methods of pasteurization ?

Turn over

16. What is the difference between pasteurization and sterilization ?
17. What is Aseptic packaging ?
18. What is sulphuring and sulphiting ?
19. What are the stages of fermentation ?

Section C

*Answer any **one** question.*

20. Describe about the types and advantages of fermentation.
21. Classification of packaging.

(1 × 10 = 10 marks)