

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
**(For candidates admitted during the academic year 2011 - 2012)**  
**SUBJECT CODE: 11BT/ME/FH23**

**B.Sc. DEGREE EXAMINATION, APRIL 2012**  
**BRANCH V.A.-PLANT BIOLOGY AND PLANT BIOTECHNOLOGY**  
**SECOND SEMESTER**

**COURSE : MAJOR – ELECTIVE**  
**PAPER : FOOD MICROBIOLOGY, SANITATION AND HYGIENE**  
**TIME : 1½ HOURS** **MAX. MARKS: 50**

**SECTION – A**

**ANSWER ANY TEN OF THE FOLLOWING. EACH ANSWER NOT EXCEEDING 50 WORDS: (10 x 2 = 20)**

1. Pasteurization
2. Ropiness in milk
3. Botulism
4. Mycotoxin
5. Disinfection
6. Sanitizers
7. Food hygiene
8. Thawing of food
9. Moulds
10. Bactofugation

**SECTION – B**

**ANSWER ANY FOUR OF THE FOLLOWING. EACH ANSWER NOT EXCEEDING 200 WORDS: (4 x 5 = 20)**

11. Describe food poisoning caused by *Salmonella*.
12. Describe the general characters of Bacteria.
13. Highlight the effect of oxygen and temperature on the growth of microorganisms.
14. Comment on the contamination and spoilage of vegetables and fruits
15. Briefly explain the growth curve of bacteria.
16. State the importance of structure and layout of food premises.

**SECTION – C**

**ANSWER ANY ONE OF THE FOLLOWING. EACH ANSWER NOT EXCEEDING 600 WORDS:**

**(1 x 10 = 10)**

17. Give a detailed account of safety in food storage, handling and preparation.
18. Explain the cleaning methods.

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