



10. Staphylococcal food poisoning is related to:
- a. Neurotoxin
  - b. Enterotoxin
  - c. Both a and b
  - d. None of the above

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**(Descriptive)**

Time : 1 hr. 15 mins.

Marks : 25

[ Answer question no.1 & any two (2) from the rest ]

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|---|----------|
| 1. Discuss about the microorganisms involved in food spoilage.  | 5        |
| 2. Write a short note on probiotic with examples. Explain the mechanism of probiotic. List out the benefits of consuming probiotic foods. | 1+5+4=10 |
| 3. Describe the methods to control growth of microorganisms in foods.   | 10       |
| 4. Explain the factors affecting microbial spoilage of foods.   | 10       |
| 5. Write a short note on:   | 2.5×4=10 |
| a) Functional foods   |          |
| b) Prebiotics   |          |
| c) Synbiotics   |          |
| d) Postbiotics  |          |

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