

PARUL UNIVERSITY
PARUL INSTITUTE OF APPLIED SCIENCE
MID SEMESTER INTERNAL EXAMINATION, SUMMER 2020
B.Sc. Semester- II
Title of Paper- Food Science

Subject Code: 11113165

Date: 03/03/2020

Time: 90min

Maximum Marks: 40

Instructions:

1. All questions are compulsory and options are given in first and second questions
 2. Numbers to the right of questions indicates the marks of respective questions.
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Q1	Attempt any one question of following i) What is bio pesticides and explain its types? ii) Explain in detail high pressure processing?	08
Q2	Attempt any three question of following i) What are limitations of organic farming? ii) write down process for Ultrasound processing of food? iii) Write note on ohmic heating? iv) Explain organic manures in detail and its types? v) How the novel method of food processing contribute in their importance in food industry?	12
Q3	Do as directed i) High pressure processing also called as..? ii) What is hyperbaric pressure? iii) name of authority certifies organic certificate iv) 1 megapascal how much pascals. v) use of chemical fertilizers is called as...farming	05
Q4	Write correct options in your answer sheet for following 15 multiple choice questions.	15

1. *Bacillus Thurengiensis* is which type biopesticides.

- a. Microbial b. biochemical
c. both A and B d. None of above

2. ohmic heating is also called as....

- a. Pascalization
- b. Joule heating
- c. electric heating
- d. Both B and C

3. 1 pascal means how much of atmospheric pressure

- a. 9.86
- b. 10.50
- c. 3.72
- d. None of above

4. High pressure processing pressure apply between range

- a. 40-900 MPa
- b. 100 Pa
- c. 500 Pa
- d. All of above

5. In ohmic heating generated heat is passed through.....

- a. Electrodes
- b. Electrodes
- c. both A and B
- d. None of above

6. In ultrasound processingof food used

- a. Liquid foods
- b. Solid foods
- c. Semi- Solid foods
- d. All of above

7. Conversion of electrical energy to mechanical oscillations is done in which method

- a. Ultrasound Processing
- b. High Pressure Processing
- c. ohmic heating
- d. None of above

8. Synthetic farming also called as....

- a. conventional farming
- b. Non conventional farming
- c. Traditional farming
- d. All of above

9. Conventional method of food preservation loss of nutrients due to

- a. high temperature processing
- b. Over time period processing
- c. exposure to sunlight
- d. All of above

10. Vermiculture means cultivation of

- a. Production of earthworm's
- b. Production of organic manure
- c. Production green compost
- d. None of above

11. Green manure compost of...

- a. Earthworms
- b. Waste fodder
- c. Dung
- d. Both B and C

12. Which state is first in india where 100 organic farming is done.

- a. Andhra Pradesh
- b. West Bengal
- c. Sikkim
- d. Uttaranchal

13. Dr. M.S. Swaminathan is for.... revolution in india.

- a. Green revolution
- b. White revolution
- c. Both A and B
- d. None of above

14. Where is located CFTRI in india

- a. Delhi
- b. Rajkot
- c. Hubli
- d. Mysore

15. Organic milk production is possible whenfarming is done

- a. In organic farming
- b. Oragnic farming
- c. Synthetic Farming
- d. None of above