



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2022

(Under CBCS Pattern)

Semester - IV

Subject : NUTRITION

Paper : C 10-T

Food Processing and Preservation

Full Marks : 40

Time : 2 Hours

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Group - A

Answer any *four* questions.

5×4=20

- 1 Write the difference between pasteurization and sterillization. What is cold sterillization ?
3+2
2. Describe the principle of microwave cooking. What is blanching ?
3+2
3. Write the principle of freezing. Differentiate between quick freezing and slow freezing.
2+3
4. Differentiate between mechanical drying and sun drying.
5
5. What is the preservation principle for jelly and pickle.
5

P.T.O.

6. Write the units of radiation. Mention four driers used in food industry. 3+2

Group - B

Answer any *two* questions : 10×2=20

7. Write a short note on thermal processing of food. Write the mechanism of action of canning. 6+4
8. Write the process of making jam. Write the process of making a dish using cereal. 5+5
9. Discuss about the various kinds of ionizing radiations used in food irradiation. Discuss in brief the principle and method of fermented meat preparation. 6+4
10. What are the chemical and physical changes occurring during freezing? Write the significance of food preservation. 6+4
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