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FNH 401

First Semester M.Sc. Degree (CBCS) Examination, December 2018
FOOD SCIENCE AND NUTRITION
Food Science

Time : 3 Hours

Max. Marks : 70

1. Write short notes on **any five** of the following (**not exceeding 2 pages each**) :
(5×3=15)
 - a) List food groups.
 - b) Homogenization of milk.
 - c) Leavening agents.
 - d) Classify fruits.
 - e) Theory of gel formation.
 - f) Pasteurization.
 - g) Tenderization.
 - h) Curing.

2. Write explanatory notes on **any five** of the following (**not exceeding 3 pages each**) :
(5×5=25)
 - a) Processing of parboiling of rice by modern method.
 - b) Advantage and disadvantages of milling of cereals.
 - c) Nutritional composition of leafy and tuber vegetables.
 - d) Factors affecting the quality of milk.
 - e) Adulteration milk and quality testes at platform.
 - f) Enzymatic and nonenzymatic browning.
 - g) Postmortem changes and ageing of meat.
 - h) Canning of fish.

P.T.O.



3. Answer **any three** of the following (**not** exceeding **5** pages **each**) : **(3×10=30)**

- a) Describe structure of cereal grain with labeled diagram and its nutritional composition.
 - b) Explain preliminary processing of vegetables.
 - c) Discuss nutritional composition of milk and milk products.
 - d) Explain the composition of egg and its role in cookery.
 - e) Discuss the processing of pulses and its effect on nutrients.
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