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3 (Sem-4/CBCS) HSC SE

2022

HOME SCIENCE

(SEC)

Paper : HSC-SE-4024

(Bakery Science)

Full Marks : 50

Time : Two hours

The figures in the margin indicate full marks for the questions.

1. Write True **or** False against the following statements : **(any four)** 1×4=4
- (a) The ideal temperature for baking a cake is 300°F.
- (b) Oxygen is responsible for leavening a baked product.
- (c) Pre-heating of oven is an important step in baking.

Contd.

- (d) Egg is a good moistening agent.
- (e) Muffin is an example of quick bread.
- (f) Baking refers food items made of sugar and chocolate.
- (g) Candies and chocolates are confectionary food items.
- (h) Egg contribute to the structure of baked product.

2. Write brief answers of the following :
(any three) 2×3=6

- (a) Name *two* leavening agents.
- (b) List *two* types of sugar used in icing.
- (c) State *two* characteristics of a good bread.
- (d) Write *two* functions of baking powder.
- (e) Name *two* types of cakes.
- (f) List *two* ingredients required to moisten a baked product.

3. Answer the following : (any two) 5×2=10

- (a) Discuss the different types of icing.
- (b) Explain the principles of baking.
- (c) Discuss the bread faults and the causes.
- (d) State the characteristics of pie.
- (e) Write a brief note on microoven and convection oven.
- (f) Write a note on the common tools used in baking.

4. Answer the following : (any three) 10×3=30

- (a) Discuss the role of ingredients in baking.
- (b) Define baking. Explain the points that should be kept in mind while baking a product. 2+8=10
- (c) Explain the different types of quick breads.

- (d) Discuss the physical and chemical change during baking. $5+5=10$
- (e) Describe the cake faults and the remedies to prevent the faults. $5+5=10$
- (f) Discuss the role of ingredients in bread preparation.
- (g) Explain the characteristics of cookies and the faults in the preparation of cookies. $5+5=10$
- (h) Write about the characteristics of cake. Explain different types of cakes. $4+6=10$
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