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3 (Sem-4/CBCS) HSC SE

202

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)** $1 \times 4 = 4$

(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.

(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) $2 \times 3 = 6$

(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) $5 \times 2 = 10$

(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) $10 \times 3 = 30$

(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. $5+5=10$

(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. $4+6=10$