

2802/202 *paper code*

FOOD AND BEVERAGE PRODUCTION THEORY *- paper name*

Oct./Nov. 2017

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN FOOD AND BEVERAGE MANAGEMENT *- course name*

MODULE II

W FOOD AND BEVERAGE PRODUCTION THEORY *- paper name*

3 hours

INSTRUCTIONS TO CANDIDATES

You should have Mathematical tables/Non-programmable scientific calculator for this examination. This paper consists of TWO sections: A and B.

Answer ALL questions in section A and any FOUR questions from section B in the answer booklet provided.

Maximum marks to each part of a question are indicated.

Candidates should answer the questions in English.

This paper consists of 3 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

SECTION A (20 marks)

Answer ALL questions in this section.

1. (a) State **four** reasons for carrying out first aid. (4 marks)
- (b) Highlight **four** symptoms of HIV/Aids. (4 marks)
- (c) State **four** causes of food allergies. (4 marks)
- (d) Highlight **four** reasons for maintaining cleanliness in a sick room. (4 marks)
- (e) State **four** aims of a good nutrition. (4 marks)

SECTION B (80 marks)

Answer any FOUR questions from this section.

2. (a) State **three** properties of fats. (3 marks)
 - (b) Highlight **three** uses of food additives. (3 marks)
 - (c) Identify **three** symptoms of each of the following diseases:
 - (i) thyroid cancer;
 - (ii) rickets. (6 marks)
 - (d) Giving **two** examples in each case, explain **four** considerations when planing meals for people living with diabetes. (8 marks)
3. (a) State **three** properties of amino acids. (3 marks)
 - (b) Identify **five** functions of water in the body. (5 marks)
 - (c) Highlight **six** dietary guidelines for a patient who has had bariatric surgery. (6 marks)
 - (d) Explain **two** digestive functions of each of the following organs:
 - (i) small intestines;
 - (ii) rectum;
 - (iii) kidney. (6 marks)
4. (a) Highlight **four** advantages of preserving food by dehydration. (4 marks)
 - (b) Identify **four** benefits of fibre in the diet. (4 marks)

- (c) State **six** benefits of home nursing for the elderly. (6 marks)
- (d) Explain the meaning of each of the following terms:
- (i) anabolism;
 - (ii) catabolism;
 - (iii) assimilation. (6 marks)
5. (a) Highlight **six** plant sources of calcium in the diet. (3 marks)
- (b) State **four** causes of food poisoning. (4 marks)
- (c) Highlight **five** ways of preventing food contamination. (5 marks)
- (d) Explain **four** dangers of each of the following habits:
- (i) drinking too much alcohol;
 - (ii) smoking. (8 marks)
6. (a) Identify **eight** items found in a first aid box. (4 marks)
- (b) Distinguish between anorexia and bulimia. (4 marks)
- (c) Highlight **six** nutritional guidelines for a person suffering from peptic ulcers. (6 marks)
- (d) Explain how each of the following affect intestinal digestion:
- (i) chemical secretion;
 - (ii) muscle activity;
 - (iii) absorbing mucosa. (6 marks)

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