

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR SCIENCE
IN FOOD SCIENCE AND TECHNOLOGY**

FOST 347: ALCOHOLIC BEVERAGES TECHNOLOGY

STREAMS: BSC. FOST

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 07/07/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- **Answer All questions in Section A and any TWO in Section B**
- **Do not write anything on the question paper. All rough work to be done on the answer booklet and crossed through**

SECTION A: ANSWER ALL QUESTIONS

Question One

Differentiate between the following types of alcoholic spirits

- (a) London Dry Gin and the Un-distilled Gin. (5 marks)
- (b) Irish Whisky and Scotch Whisky. (5 marks)

Question Two

Differentiate between production of white wine from red wine. (10 marks)

Question Three

Describe the different types of malt. (10 marks)

SECTION B: ANSWER ANY TWO QUESTIONS (40 MARKS)

Question Four

Discuss the following steps during the production of beer

- (a) Malting (7 marks)
- (b) Preparation of wort (7 marks)
- (c) Fermentation (6 marks)

Question Five

- (a) Discuss alcoholic and malolactic fermentation during production of cider. (12 marks)
- (b) How does cider differ from perry. (4 marks)
- (c) Differentiate between 'white' cider and 'black cider' (4 marks)

Question Six

Discuss the production of Whisky under the following subheadings;

- (a) Distillation (10 marks)
 - (b) Maturation and blending. (10 marks)
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