

FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI
SCHOOL OF ENGINEERING & ENGINEERING TECHNOLOGY
DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY.

2018/2019: Rain Semester Examination

FST 502: FOOD LAWS AND STANDARDS

3 Hours

INSTRUCTIONS: Answer five questions, at least one (1) Question from each section.

SECTION A

Question 1

- a The development of relevant and enforceable food laws and regulations is an essential component of modern food control system. Discuss. 14 mks.
- b Compare and contrast the regulatory activities of Nigeria and foreign food regulatory agencies. 6mks.

Question 2

- a Using food grade salt as a case study, describe its regulations based on the following: (i) Prohibition (ii) Use and limit of food additives (iii) Maximum limit of contaminants (iv) Labelling information (v) Standard for food grade salt. 15 mks
- b List the various international food regulatory agencies 5 mks.

Question 3

- a Discuss NAFDAC regulation on the use of food additives with respect to the following: (i) Instruction on storage and use (ii) Processing aids and carry-over of food additives (iii) Conditions for a request to add or change food additives (iv) Restrictions on sale of baby foods containing food additives (v) Conditions for allowing more than one preservative. 12mks.
- b Highlight the local and international penalties inherent with adulteration and misbranding of foods. 8 mks.

SECTION B

QUESTION 4

- a) Describe the role of NAFDAC on food safety with emphasis on their regulatory activities. (10mks)
- b) Discuss the role of the following governmental agencies on food safety (10mks)
 - i) Federal Environmental protection Agency.
 - ii) Federal Ministry of Health.

QUESTION 5

- a) Define the term codex alimentarius and outline its scope in Food regulation. (5mks)
- b) Write on the following substances as described by law. (10mks)
 - i) GRAS
 - ii) Food additive
- c) Outline the roles of "weight and measure administration" with emphasis on the offences that can be committed on this act. (5mks)

SECTION C

Question 6

- a. Define the following terms as used in food laws and standards: (i) Food laws (ii) Food contaminant (iii) Adulteration (iv) Food control (v) Food hygiene 10mks
- b. what are the principal objectives of national food control systems? 2mks
- c. Distinguish between mandatory standards and voluntary standards. 4mks
- d. State four objectives for developing national food laws. 4mks

Question 7

- a. Mention the key responsibilities of the following national government agencies in the regulation and monitoring of food safety standards and practices: (i) SON, (ii) Local government, (iii) Federal Ministry of Agriculture. 6mks
- b. Define food standard and State four (4) importance of food standards. 6mks
- c. Give five (5) reasons why food laws have been enacted. 5mks
- d. State the factors that led to the need for the establishment of food standards and regulations in Nigeria. 3mks