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KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER
MAIN EXAMINATIONS**

**FOR THE DEGREE OF BSC (RENEWABLE ENERGY AND BIOFUEL
SYSTEMS)**

COURSE CODE: REN 411

**COURSE TITLE: INDUSTRIAL ORGANIZATION AND
PRODUCTION ECONOMICS**

DURATION: 2 HOURS

DATE: 23/05/2022

TIME: 9:00AM-11:00AM

INSTRUCTIONS TO CANDIDATES

- Answer **QUESTION ONE** (Compulsory) and any other two (2) Questions.
- Indicate **answered questions** on the front cover.
- Start every question on a new page and make sure question's number is written on each page.

This paper consists of 4 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

QUESTION ONE;

- (a) Briefly explain the following essential features of an organization management (6mks).
- i) Planning
 - ii) Organizing
 - iii) Staffing
 - iv) Leading
 - v) Controlling
 - vi) Mortivation
- (b) State and explain the principles that managers keep in mind while formulating an organizational structure. (4MKS)
- (c) OUTLINE FIVE operational functions of a top level manager in an industry. (5MKS)
- (d) Describe the following management skills
- i) Technical (5mks)
 - ii) Conceptual (5mks)
 - iii) Interpersonal (5mks)
- (e) Describe the procedure that management uses to make good decisions in an organization. (10mks)

Question TWO;

- i) Describe productivity and explain how it can be increased in an industry (8mks)
- ii) With the aid of a sketch, illustrate an organizational structure departmented according to its products. (6mks)
- iii) Define organizational chart and state its benefits. (6mks)

Question THREE;

- (a) Explain four advantages of matrix organizational structure (4mks)
- (b) Explain how to establish confidence levels and determining sample size in an organization. (4mks)
- (c) Explain how work study in an organization can bring higher productivity (8mks)

QUESTION FOUR;

- (a) Describe the roles of the following types of management (6mks)
- i) Middle level management
 - ii) Lower level management
- (b) Explain (8mks)
- i) Four functions of management
 - ii) Differences between management and administration
 - iii) Hierarchical organization chart in management
 - iv) Two types of allowances in an organization
- (c) Explain three advantages and three disadvantages of involving employees in decision making in an organization (6mks)

Question five

- (a) Explain how time study is useful in improving performance in an organization. (4mks)
- (b) Briefly explain work measurement and state its uses in an organization (6mks)
- (c) Explain predetermined motion time system and state its objective (6mks)
- (d) Highlight four factors to consider while selecting a particular PMTs for application in industry. (4mks)