

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF COMMERCE

BCOM 471: OPERATION MANAGEMENT

STREAMS: Y4S1

DAY/DATE: WEDNESDAY 6/12/2017

TIME: 2 HOURS

2.30 P.M – 4.30 P.M

INSTRUCTIONS:

- **Answer question one and any other two questions**

1. (a) Discuss the cellular manufacturing system. [10marks]
(b) Organization sometimes find it necessary to redesign their plant layout . Explain any five reasons to explain such redesign. [10marks]
(c) Today organization use computer Aided design (CAN) in designing their products and processes. Sate any five benefits using this system in design. [10marks]
 2. (a) Explain the reasons that make it necessary for an organization to maintain a adequate inventory of raw materials. [10marks]
(b) Explain the circumstances under which an organization may adopt a fixed position plant control. [10marks]
 3. (a) Discuss the reasons that make managers use mathematical models in decision making. [10marks]
(b) State and explain five benefits of good plant layouts to employees. [10marks]
 4. (a) Discuss the benefits of a quality control program to an organization. [10marks]
(b) Explain the benefits of a good preventive maintenance program to an organization. [10marks]
-