



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Engineering and Technology
Department of Mechanical & Automotive Engineering
UNIVERSITY EXAMINATION FOR:
Diploma in Mechanical Engineering (Y3S2)
EME 2304 : Industrial Organization and Management (Paper 2)
SPECIAL/SUPPLEMENTARY EXAMINATION
SERIES: SEPTEMBER 2018
TIME: 2 HOURS
DATE: Sep 2018

Instruction to Candidates:

You should have the following for this examination

- *Examination Pass & Student ID Card*
- *Answer booklet*
- *Non-Programmable scientific calculator*

This paper consists of **FIVE** questions. Attempt any **THREE** questions.

Maximum marks for each part of a question are as shown.

Do not write on the question paper.

Question ONE

- a) Briefly explain the following management theories: **(5 marks)**
- Chaos Theory
 - Theory X and Theory Y
- b) Explain the contribution of each of the following pioneers to modern management principles: **(8 marks)**
- Max Weber
 - Hawthorne and Elton Mayo
- c) Briefly explain any **two** skills required by a manager. **(4 marks)**
- d) State **three** levels of management. **(3 marks)**

Question TWO

- a) Explain any **four** requirements of an organizational structure. **(8 marks)**
- b) Briefly discuss the Bureaucratic organizational Structures **(8 marks)**

c) Describe any **two** styles of decision making adopted by managers **(4 marks)**

Question THREE

a) Distinguish between the two branches of economics. **(5 marks)**

b) Describe the role of human resource management in a company. **(6 marks)**

c) **(9 marks)**

i. Define inventory control.

ii. Explain **six** objectives of inventory control.

Question FOUR

a) State any **three** objectives of maintenance. **(3 marks)**

b) Explain any **five** benefits of scheduled maintenance in a production operations. **(10 marks)**

c) Describe the Stages of Product Design and development. **(7 marks)**

Question FIVE

a) Define the following terms as applied in project panning; **(3 marks)**

i. Project

ii. Task

iii. Milestone

b) Briefly describe the four production systems. **(10 marks)**

c) State any **seven** factors to be considered in selecting a site for a production plant. **(7 marks)**