



THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF JKUAT)

Faculty of Engineering and Technology

MECHANICAL AND AUTOMOTIVE ENGINEERING DEPARTMENT

Diploma in Mechanical Engineering (Plant)
Diploma in Mechanical Engineering (Production)
Diploma in Automotive Engineering
Diploma in Chemical Engineering

EME 2311
INDUSTRIAL ORGANISATION & MANAGEMENT

YEAR III SEMESTER II

SPECIAL/SUPPLEMENTARY EXAMINATIONS

SERIES: MARCH, 2012

INSTRUCTIONS TO CANDIDATES

You should have the following for this examination

- 1 Answer book
- 2 Scientific calculator
- 3 This paper consists of **FIVE** questions. Answer questions **ONE** and any other **TWO** questions.
- 4 This paper consists **THREE** Printed pages.

Question ONE

- (a) Briefly discuss **FIVE** types of maintenance applicable to an industrial plant **(10 marks)**
- (b) Explain briefly **SIX** tasks of maintenance **(6 marks)**
- (c) Explain **FOUR** benefits of planned maintenance **(4 marks)**

Question TWO

- (a) Briefly discuss **FOUR** principles of bureaucratic theory of management **(8 marks)**
- (b) Discuss the contribution of Henry Fayol in the theories of management with reference to administrative theory **(12 marks)**

Question THREE

- (a) The following information is given for a project

Activity	Preceding Activities	Duration (Months)
A	-	4
B	A	7
C	A	5
D	A	6
E	B	2
F	C	3
G	E	5
H	B, F	11
J	G, H	7
K	C	4
L	D	3
M	J, K, L	4

- (i) Draw the project network **(8 marks)**
- (ii) Determine the critical path **(4 marks)**
- (iii) Determine the project completion time **(2 marks)**
- (b) Explain **SIX** reasons for labour turnover **(6 marks)**

Question FOUR

- (a) Explain reasons for new product failure in the market **(8marks)**
- (b) Explain the functions of Human Resources Manager **(12marks)**

Question FIVE

- (a) Explain **FIVE** reasons why corruption may lead to corporate failure as happened to World Com Corporation in USA. **(10 marks)**
- (b) Explain the benefits of organised management **(10marks)**