



MACHAKOS UNIVERSITY

University Examinations for 2018/2019

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING.

**THIRD YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN MECHANICAL
ENGINEERING**

INDUSTRIAL ORGANIZATION AND MANAGEMENT (I.O.M)

TIME: 2 HRS

Instructions

- ***This paper consists two sections A and B. Answer section A (compulsory) and any other two questions from section B.***
- ***Maximum marks for each part of the question is as indicated***

QUESTION 1: COMPULSORY (30MARKS)

- (a) i) State any THREE characteristics of management (3 mks)
- ii) Describe any THREE levels of management giving ONE activity carried out at each level (9 mks)
- (b) Describe the following theories of organizations;
- i) Systems Organizational Theory (3mks)
 - ii) Classical Organizational Theory (3mks)
 - iii) Contingency Organizational Theory (3mks)
- (c) Describe any FOUR functions of a personnel manager (6 mks)
- (d) State any THREE sources of employee recruitment (3mks)

QUESTION 2: (20MARKS)

(a) State the following laws;

(i) Law of demand (2 mks)

(ii) Law of Supply (2 mks)

(b) (i) Define the term elasticity of demand. (2mks)

(ii) State any four factors affecting demand of a product. (4 mks)

(c) The table below shows the demand and supply schedule of a certain product.

Price(Kshs per Kg)	Demand	Supply
10	100	10
20	80	20
30	70	40
40	50	60
50	40	80
60	30	100
70	20	120

(i) On the same axes draw the demand and supply curves. (8 mks)

(ii) From the graph, determine the equilibrium price and quantity. (2 mks)

QUESTION 3: COMPULSORY (20MARKS)

(a) (i) List any FOUR reasons why there is need to delegate authority (4mks)

(ii) Describe any THREE principles of delegations (6 mks)

(b) Explain any FOUR reasons why managers are reluctant to delegate authority (8 mks)

(c) Define the term span of control as applied in management (2mks)

QUESTION 4: (20MARKS)

(a) Explain the following types of production

(i) Mass production (4 mks)

(ii) Batch production (4 mks)

(iii) Job production (4 mks)

(b) State any four activities involved in production planning. (2 mks)

(c) Describe four objectives of production planning. (6mks)

QUESTION 5: (20MARKS)

(a) Describe the following internal training methods.

(i) Induction Training (3 mks)

(ii) Job Rotation (3 mks)

(b) State any four objectives of management by objectives. (4 mks)

(c) State any FOUR objectives of stock control. (4 mks)

(d) Explain any THREE factors which affect stock levels in an organization. (6 mks)