



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL AND MANUFACTURING ENGINEERING

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN MECHANICAL ENGINEERING

MEDPR 309: INDUSTRIAL ORGANIZATION AND MANAGEMENT (I.O.M)

DATE: 22/10/2020

TIME: 8.30- 10.30 AM

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 ONE (30 MARKS)

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

QUESTION TWO (20 MARKS)

- a) State the following laws;
- i. Law of demand (2 marks)
 - ii. Law of Supply (2 marks)
- b) i Define the term elasticity of demand. (2 marks)
- ii State any four factors affecting demand of a product. (4 marks)
- 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 marks)
- ii. From the graph, determine the equilibrium price and quantity. (2 marks)

QUESTION (20 MARKS)

- a) i List any FOUR reasons why there is need to delegate authority (4 marks)
- ii Describe any THREE principles of delegation (6 marks)
- b) Explain any FOUR reasons why managers are reluctant to delegate authority (8 marks)
- c) Define the term span of control as applied in management (2 marks)

QUESTION FOUR (20 MARKS)

- a) Describe the following internal training methods.
- i. Induction Training (3 marks)
 - ii. Job Rotation (3 marks)
- b) State any four objectives of management by objectives. (4 marks)
- c) State any FOUR objectives of stock control. (4 marks)
- d) Explain any THREE factors which affect stock levels in an organization. (6 marks)

QUESTION FIVE (20 MARKS)

- a) Explain the following types of production
 - i. Mass production (4 marks)
 - ii. Batch production (4 marks)
 - iii. Job production (4 marks)
- b) State any four activities involved in production planning. (2 marks)
- c) Describe four objectives of production planning. (6 marks)