

QUESTION ONE

- a) Define operation management and highlight its objectives
(5Marks)
- b) Identify and explain the four classification of a production system
(10Marks)
- c) Identify and explain the FIVE approaches of defining quality according to Garvin.
(10 Marks)

QUESTION TWO.

- a) Briefly explain the functioning of material requirement planning (MRP) system and identify its objectives
(10 Marks)
- b) Discuss the application of ABC analysis in inventory management
(10 Marks)

QUESTION THREE

- a) Define the term scheduling and distinguish between backward and forward Scheduling
(12 Marks)
- b) Explain the key issues to be considered for managing global operations.
(8 Marks)

QUESTION FOUR

- a) Identify and explain any Six key factors that would influence plant location
(12 Marks)
- b) Explain Four types of plant layout
(8 marks)

QUESTION FIVE.

- a) What is capacity planning?
(5 Marks)
- b) Identify and explain Five factors influencing effective capacity
(15 Marks)