

TECHNICAL UNIVERSITY OF MOMBASA  
SCHOOL OF BUSINESS  
DEPARTMENT OF BUSINESS ADMINISTRATION  
UNIVERSITY EXAMINATION FOR DIPLOMA  
DIPLOMA IN BUSINESS ADMINISTRATION  
**BPC 2101; STORAGE AND DISTRIBUTION MANAGEMENT**  
END OF SEMESTER EXAMINATIONS  
SERIES: JANUARY/APRIL 2016  
TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

Answer question **One (COMPULSORY)** and any other **TWO**

### QUESTION ONE

- (a) Explain the main functions of a ware house (10 marks)
- (b) Explain the functions of inventory control (10 marks)
- (c) Describe the factors which help in the selection of mode of transport (10 marks)

### QUESTION TWO

- (a) Write short notes on the following with examples;
  - (i) Alphabetical system (3 marks)
  - (ii) Numerical system (3 marks)
  - (iii) Alphanumerical (4 marks)
- (b) State the advantages of inspection of materials (10 marks)

### QUESTION THREE

- (a) Explain the various types of stores verification (15 marks)
- (b) State the aim of considering location as a factor in selection of store site (5 marks)

### QUESTION FOUR

- (a) Describe using a diagram the salient features of the following;
  - (i) Lay out of a small store house (8 marks)
  - (ii) Lay out of large factory store house (12 marks)

### QUESTION FIVE

- (a) Two items named X and Y are being used in an organization. You are required to calculate the following for each item
  - (i) Maximum level (5 marks)
  - (ii) Minimum level (5 marks)
  - (iii) Re-order level (5 marks)

The necessary information is as indicated below

Normal usage of both items      100 units per week of 6 days

Minimum usage of both items      50 units per week of 6 days

Maximum usage of both items      150 units per week of 6 days

Re-order quantity of item X      600 units per week of 6 days

Re-order quantity of item Y      1000 units per week of 6 days

Re –order period for item X      4 to 6 weeks

Re-order period for item Y      2 to 4 weeks

(b) State the internal factors that affect material planning

(5 marks)