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# TECHNICAL UNIVERSITY OF MOMBASA

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## SCHOOL OF BUSINESS

### *Department of Management Science*

DEPARTMENT OF BUSINESS STUDIES

END OF SEMESTER EXAMS FOR BACHELOR OF COMMERCE

**BMG 4401: PROJECT MANAGEMENT**

**CLASS:** YEAR FOUR SEMESTER ONE

AUGUST 2019

**TIME:** 2 HOURS

### **INSTRUCTIONS:**

- Answer question **ONE (Compulsory)** and any other **TWO** questions.
- Marks are allocated and the end of each question

*This paper consists of THREE printed pages.*

### **QUESTION ONE (30 MARKS)**

- a) Using relevant illustrations discuss the following terms as used in project management:
- (i) Project (2 Marks)
  - (ii) Deliverables (2 Marks)
  - (iii) Constraints (2 Marks)
- b) Discuss any two fundamental principles of project management (8 Marks)
- c) Explain the significance of critical path method as a tool in project management (10 Marks)
- d) A project is a step by step endeavor. Using relevant illustrations, discuss the project life cycle (6 Marks)

### **QUESTION TWO (20 MARKS)**

- a) Work Breakdown Structure (WBS) is a core strategy to effective project management. In view of this statement, discuss the significance of WBS to any project (10 Marks)
- b) The success of any given project is determined by several factors. Discuss any FIVE such factors (10 Marks)

### **QUESTION THREE (20 MARKS)**

The project managers' qualifications and competencies in project management are an integral component to the success of any project. Discuss (20 Marks)

### **QUESTION FOUR (20 MARKS)**

Monitoring and evaluation is central to the success of any project. Discuss (20 Marks)

### QUESTION FIVE (20 MARKS)

a) A project has the following activities and duration in weeks:

Activity	Duration (weeks)
1-2	10
1-3	4
1-4	6
2-3	5
2-5	12
2-6	9
3-7	12
4-5	15
5-6	6
6-7	5
6-8	4
7-8	7

(i) Draw the PERT network (5 Marks)

(ii) Determine the critical path and duration (5 Marks)

b) Discuss the characteristics of projects (10 Marks)

***“WISHING YOU THE BEST OF LUCK”***