



**KIBABII UNIVERSITY COLLEGE**

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**UNIVERSITY EXAMINATIONS**

**2012/ 2013 ACADEMIC YEAR**

**FOR THE DEGREE OF  
BUSINESS MANAGEMENT**

**COURSE CODE:** BBM 206

**COURSE TITLE:** MANAGEMENT DECISION MODELS

**DATE:** 22<sup>nd</sup> August 2013

**TIME:** 9.00aam – 12 noon

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**Instructions to Candidates**

- Section A is compulsory therefore answer all the question
- Section B attempt any Two questions
- Read the questions carefully before answering and write legibly

**SECTION A: (30 MARKS) ANSWER ALL THE QUESTIONS**

1. What is your understanding of the word Network analysis and what function do they serve in management (6 marks)
2. Explain your understanding of the following words as used in network analysis (10 marks)
  - i. Activity
  - ii. Event
  - iii. Dummy activity
  - iv. Networks
3. Explain Transportation Problems stating its objectives and briefly highlighting its basic similarities (10 marks)
4. Using relevant example Explain the meaning of the word Game as used in game theory and what is made of? (4 marks)

**SECTION B: (40 MARKS) ANSWER TWO QUESTIONS**

5. Highlight the Methods for determining an optimum Solution in an Assignment (20 marks)
6. Explain the important factors considered in model development (20 marks)
7. Highlight your understanding of the work scheduling; explain the principles of scheduling and its strategies (20 marks)
8. Why and where is Simulation used? (20 marks)