**KENYA METHODIST UNIVERSITY**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**DEPARTMENT OF COMPUTER SCIENCE**

**END OF TRIMESTER 2 2017 EXAMINATION**

**MISC322/BBIT 438/CISY 421/BSIS 316: MANAGEMENT INFORMATION SYSTEMS**

**ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE**

1. Explain five benefits of networks 5mk
2. Elaborate on five characteristics of quality information 5mk
3. Distinguish between the following terms: 6mk
4. Cybernetic and stochastic system
5. Computer viruses and computer worms
6. System software and application software
7. Highlight the key attributes a good system analyst should possess 5mk
8. Discuss four factors that influence the speed of a computing device 4mk
9. Elaborate on the business process reengineering concept and its relevance to modern organizations 5mk

**QUESTION TWO**

1. Describe six key tests of feasibility that should be undertaken prior to adoption of new systems (12mk)
2. Discuss four conversion strategies that may be employed when implementing a new system (8mk)

**QUESTION THREE**

1. Explain four key maintenance activities that should be undertaken on organizational systems (8mk)
2. Highlight four types of reports generated by management information systems and their applicability (8mk)
3. Distinguish between “stochastic” and “deterministic” systems (4mk)

**QUESTION FOUR**

1. Illustrate the key phases in managerial decision making and the role of information systems in each phase (10mk)
2. How can information systems be exploited to enhance a firm’s competitive position? (10mk)