

**UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2016/2017 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF BUSINESS MANAGEMENT**

**COURSE CODE: BBM 102**

**COURSE TITLE: FUNDAMENTALS OF INFORMATION TECHNOLOGY**

**DATE: 21ST NOVEMBER, 2016**

**TIME: 2.00 P.M-5.00 P.M**

**INSTRUCTIONS TO CANDIDATES:**

Answer question **one** and any other **three** questions.

**QUESTION ONE**

1. Briefly explain **two** main functions of ICT. (2 marks)
2. Explain any **three** characteristics of the fifth generation computers. (6 marks)
3. State any **four** disadvantages of standard software. (2 marks)
4. Explain any **four** limitations of installing a computer network. (4 marks)
5. Briefly highlight the history of internet. (4 marks)
6. Convert 1011.1012 to decimal. (3 marks)
7. Highlight any **two** applications of computers in health. (1 mark)
8. State any **six** software considerations when selecting a computer system. (3 marks)

**QUESTION TWO**

1. Explain any **three** advantages of networking. (3 marks)
2. Compare star and Bus topologies in network layout. (4 marks)
3. Briefly describe any **four** common application programs. (4 marks)
4. Highlight any **four** applications of internet. (4 marks)

**QUESTION THREE**

1. Explain any **five** types of registers in the CPU. (5 marks)
2. Explain any **two** characteristics of Static RAM. (4 marks)
3. Explain any **three** types of microcomputers. (6 marks)

**QUESTION FOUR**

1. Briefly discuss the application of ICT in government. (6 marks)
2. Outline any **four** advantages of using fibre optics in data transmission. (4 marks)
3. Explain any **five** advantages of computers. (5 marks)

**QUESTION FIVE**

1. Describe any **five** types of computer crimes. (5 marks)
2. Compare decimal and hexadecimal number systems. (2 marks)
3. Explain any **three** types of computer networks. (6 marks)
4. Explain any **two** health concerns while using a computer. (2 marks)