



# MASENO UNIVERSITY

## UNIVERSITY EXAMINATIONS 2016/2017

### FIRST YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE WITH INFORMATION TECHNOLOGY

#### MAIN CAMPUS

#### MIT 103: WEB BROWSING AND COMMUNICATION

Date: 9<sup>th</sup> December, 2016

Time: 8.30 - 11.30 am

---

#### INSTRUCTIONS:

- Answer question ONE and any other TWO questions.
- Start each question on a fresh page.
- Indicate question numbers clearly at the top of each page.



# MIT 103: WEB BROWSING AND COMMUNICATION

---

## Question 1 – Compulsory (30 Marks)

1. Consider the statement: "The Internet is a matrix of networks and computer systems linked together around the world". State whether this statement is true or false. Justify your answer [2 mks]
2. Briefly describe the history of internet development in a chronological order [3 mks]
3. State what "cc" and "Bcc" stand for when sending an email to multiple people [2 mks]
4. Discuss the pros and cons of using "cc" or "bcc" when sending out an email to multiple people [3 mks]
5. Describe a blog as a means of electronic communication and discuss when it is appropriate to use blogs [2 mks]
6. List and give a detailed description of four types of blogs [4 mks]
7. Is it true or false that one reason why it is important to know of the existence of other search engines other than Google is because there are other information that are usually 'hidden' from Google search engine. Explain your answer [2 mks]
8. Presentations are a common way of communicating ideas. List and describe three presentation tools other than Ms PowerPoint. [3 mks]
9. Discuss any two dos and two don'ts when giving a presentation [4mks]
10. In this course, you were given the ranking for different web-browsers according to top ten reviews website. Explain four criteria which were used to evaluate the best internet browsers on the market. [5 mks]

## Question 2 – Optional {20 Marks}

1. Define the Internet? [3 mks]
2. State and explain three modern uses of the internet [6 mks]
3. The development of the internet was of main interest to the Defense Advanced Research Projects Agency (DARPA) who funded its development in 1969. State their intent for this. [2 mks]
4. State and discuss any seven social impacts that are common as a result of widespread use of internet. [7 mks]
5. What is the role of the Internet Protocol with regard to networking computers? [2 mks]

## Question 3 – Optional {20 Marks}

1. In course, you were taught about emails. Define what an email is and what you need to be able to use email [3 mks]
2. List any three email providers [1 mk]
3. List and describe the four parts of an email address [4 mks]
4. Passwords need to be considered carefully when creating an email. Discuss the two things to observe when choosing a password for an email address [2 mks]
5. Mention and explain four tips on how to use emails effectively. [4 mks]
6. List and discuss the six parts of an email [6 mks]

## Question 4 – Optional {20 Marks}

1. State three commonly used web browsers [3 mks]
2. State how you would search for sites where the phrase Welcome to Kenya has been used considering how the words have been ordered. [2 mks]
3. Explain how to search for articles about Kenya, except that from Wikipedia, when using the Google. [2 mks].
4. State and explain the three major types of search engines. Give an example for each [10 mks]
5. Google uses a trademarked algorithm called PageRank, which assigns each Web page a relevancy score. State three factors that the PageRank depends on. Which of the three is the most important? [3 mks]

### Question 5 – Optional {20 Marks}

1. Define plagiarism [2 mks]
2. A student in his paper included proper citation from the papers he had read. He also relied very closely on the text's original wording. State whether this is considered as plagiarism, and explain why or why not. [3 mks]
3. State whether the following is plagiarism: "Changing key words and phrases but retaining the essential content of the source" [1 mk]
4. Define what a copyright is [3 mks]
5. When using ideas or words from somebody, users are encouraged to reference in order to avoid plagiarism. Discuss what referencing is. [2 mks]
6. In Ms Word, there is a system that helps authors to reference their work. Give a detailed description of the system and how it works. [9 mks]