

 W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

 **UNIVERSITY EXAMINATIONS 2014/2015**

**YEAR III SEMESTER I SPECIAL/SUPPLIMENTARY EXAMINATION FOR DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY**

**BIT 2207: WEB DEVELOPMENT III**

**DATE: AUGUST 2015 TIME: 2 HOURS**

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

**QUESTION ONE**

1. What is a web? [2 marks]
2. Write the basic structure of a Java script code embedded in HTML [6 marks]
3. Differentiate between the following:
4. Thin and Fat clients
5. Client and serve scripting languages
6. Write a Java Code that display alert “welcome to Javascript”. [5 marks]
7. What are web servers give example [3 marks]
8. State and explain any two logical operators. Give example [5 marks]
9. State and explain special data types. Give example [5 marks]

**QUESTION TWO**

1. Discuss client-serve architecture benefits [10 marks]
2. Discuss types of client-serve architecture and disadvantages of each. [10 marks]

**QUESTION THREE**

1. (i) Explain the switch statement as used in Java script. [5 marks]

(ii)Explain the if-else statement as used in Java script. [5 marks]

1. Classify operators and give examples as used in Java script [10 marks]

**QUESTION FOUR**

1. State and explain events in Java script [10 marks]
2. Classify Data types as used in Java script [10 marks]

**QUESTION FIVE**

1. Write a Java code that display an alert message “Hello” on moving the mouse. [10 marks]
2. Write a code that display the following:

4

9

25

36

49

64

81

100

Total is 384 [10 marks]

**QUESTION SIX**

You are the team leader of expertees that have been contracted to deliver networking services in the County Council Officers of Kisii town.

1. Discuss how you will go about designing the network. [10 marks]