

**KABARAK**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**2010/2011 ACADEMIC YEAR**

**FOR THE DEGREE OF BACHELOR OF COMPUTER SCIENCE**

**COURSE CODE: COMP 325**

**COURSE TITLE: BUSINESS APPLICATION ARCHITECTURE**

**STREAM: SESSION VI**

**DAY: THURSDAY**

**TIME: 2.00 – 4.00 P.M.**

**DATE: 14/04/2011**

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**INSTRUCTIONS:**

- Attempt **Question ONE** and **Any other TWO**.

**PLEASE TURN OVER**

**QUESTION ONE: (30 marks)**

a. Define Business Architecture 2 marks

b. Create the following table by using appropriate HTML tags

DAY	9:00 -10:00	10:00-12:00		2:00 -4:00
MONDAY	COMP1	MATH1	L	BIBLE1
TUESDAY		LAB1	U	COMP12
WEDESDAY	BIBLE	CHAPEL	N	LIBARARY
THURSDAY	COMP4	LAB2	C	SEMINAR
FRIDAY	LAB1		H	COMP1

6 marks

c. Discuss in depth contents of Business Architecture

6 marks

d. Write HTML code to prepare a form to handle the following details student name,

roll number, address, gender, course

6 marks

e. Explain three internet protocols used in client server technology

6 marks

f. Explain four windows that appear on a visual basic interface

4 marks

**QUESTION TWO: (20 marks)**

a. What is a server? State its characteristics.

4 marks

b. Discuss the three layers of three tier architecture

6 marks

c. Differentiate between hyper text and hyper media

4marks

d. Discuss any two ways used to create table in ms access

4 marks

e. What is the main use of alt attribute in HTML

2 marks

**QUESTION THREE: (20 marks)**

a. Discuss data processing in common gateway interface

5 marks

b. Explain six formatting tags in Html

6marks

c. Explain non numeric data types in visual basic

6 marks

d. Explain any two conditional control structures used in Visual Basic 2 marks

**QUESTION FOUR: (20 marks)**

- |  |         |
|--|---------|
| a. Write a visual basic program to perform arithmetic operations | 5 marks |
| b. Explain steps used to execute a visual basic application      | 3 marks |
| c. Differ ante between message box and input box.                | 4 marks |
| d. Explain any four mathematical functions used in visual basic  | 4 marks |
| e. Explain the use of the following controls in visual basic     | 4 marks |
| 1) Pointer   |         |
| 2) Radio button  |         |
| 3) Label   |         |
| 4) Picture box   |         |