

KABARAK



UNIVERSITY

UNIVERSITY EXAMINATIONS

2010/2011 ACADEMIC YEAR

FOR THE DEGREE OF BACHELOR OF COMPUTER SCIENCE

COURSE CODE: COMP 463

COURSE TITLE: CLIENT/ SERVER SIDE PROGRAMMING

STREAM: Y4S2

DAY: THURSDAY

TIME: 2.00 – 4.00 P.M.

DATE: 17/03/2011

INSTRUCTIONS:

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

PLEASE TURN OVER

QUESTION ONE: (30 marks)

- a) (i) what is a style sheet [1 mark]
(ii) Using a suitable example describe external style sheet [3marks]
- (b) Write a java script program to compare two numbers and print the largest value using functions [5 marks]
- (c) Describe XML architecture [5 marks]
- (d) Write XML code to create the contents of the table and finally write the HTML code to be linked to xml code so that to enable the file to be displayed in table format. [8 marks]

<i>SERIAL</i>	<i>TOWN</i>
<i>001</i>	<i>Newyork</i>
<i>002</i>	<i>New Delhi</i>
<i>003</i>	<i>java</i>
<i>004</i>	<i>Nairobi</i>
<i>005</i>	<i>Kampala</i>

- e) Write Html code to create a form having following contents Name, Address, City, State, Zip, and finally write java script code to validate the form. [8 marks]

QUESTION TWO (20 marks)

- (a) Using a suitable Diagram describe applet life cycle stating the method used in each stage [6marks]
- (b) Explain the following terms as used in the forms Design.
i. Input type
ii. Input value
iii Max length [3 marks]
- (c) Study carefully the following PHP code and write it to be executable
<html>
<body>
\$d=date("D");
if (\$S=="Fri")
{
echo "Hello!
";
echo "Have a nice weekend!";
echo "See you on Monday!";
}
</body>
</html > [3 marks]

(d) Explain the methods of the window object [4 marks]

(e) Discuss the following methods:

i. Get

ii. Post

[4 marks]

QUESTION THREE (20 marks)

a) Write Html code to execute the following table

[5 marks]

DAY	8:00-10:00	10:00-12:00	12:00-2:00	2:00-4:00
MON	COM216		COM120	
TUE	COM110	COM112	COM200	COM214
WED		COM120		COM130
THUR	COM209	COM208	LAB	
FRI	SEMINAR		COM112	FREE HOUR

b. Explain data processing in common gateway interface

[5 marks]

c. Write applet program to add two numbers entered through by the user and display the result

[7 marks]

d). Describe how PHP is a Loosely Typed Language

[3 marks]

QUESTION FOUR (20 marks)

(a) Write a simple application demonstrate how the form can be connected with MYSQL Database

[8 marks]

(b) Write the rules for writing a well formatted xml document

[4 marks]

(c) Explain how variables are declared in PhP.

[3 marks]

(d) Write the code to create the following frame

[5 marks]

