Ahmadu Bello University, Zaria Department of Computer Science

2016/2017First Semester Examination COSC 307: Web Application Engineering I

Market Market State Control	
Date: March 2017	There allowed the same
DATE OF THE PARTY	Time Allowed: 120 Minutes

Instructions:

1. Attempt ANY FOUR questions.

2. Write all your answers in the spaces provided on this Question Paper.

Invigilator's Signature:		
Registration Number:		
Date:	Time:	
Scores:		

Question	Maximum Scores	Scores Obtained
1	15	
2	15	
3	15	
4	15	
5	15	
6	15	
Total	60	

FILL IN THE QUESTIONS YOU ANSWERED IN THE BOXES BELOW

Characteristic Americans	
Questions Answered:	

onFocus	
onMouseOut	
OnSubmit	
onLond	Telescope
onMouseOver	
2b)Write the output of the following code	snippet [5 Marks]:
var x=42457;	
white(x>2)(
var y=x%10;	
x=parseInt(x/10);	
document.write(y + * *);	
)	
1	

2e) A Fibonacci sequence is a series of numbers in which each number (Fibonacci number) is the sum of the two preceding numbers. The simplest is the series 1, 1, 2, 3, 5, 8, 13, 21, etc. Write the JavaScript code to generate the first 50 Fibonacci numbers in the series. Do not use recursion [5 Marks]



3) Write the HTML/CSS code to generate the following page snippet. Do not use tables, and all styles should be inline [15 Marks]



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Committee Species



4a) Write the HTML Code to generate the form below: [5 marks]

• REG NO:	
Courses: □COSC 111 □COSC	222 □ COSC 333
Exra Detail:	



4b) Write the JavaScript code to validate input received from the form defined in (4a) according to the following parameters: [10 marks]

- Registration number should be of the form CS2017L300, and validated using regular expressions
- The program should iterate over all checkboxes ensuring at least one is checked
- The program should also ensure the field for extra detail is non-empty
- The program should alert an appropriate message if any of the criteria above is not met



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5) Write the HTML code to generate the following table [15 Marks]:

	W.		W.	
W	- "	w	W	111
W		W	w	
		W		

or new factor of	
6a) Provide a brie	of description of the following CSS properties in the space provided below
Marks: Margin	
Padding	
rading	
Z-index	
Font-weight	
Font-style	
	CCC and what are its resolution mechanisms (5 Marks)
b) When does a	conflict occur in CSS and what are its resolution mechanisms [5 Marks]