

UNIVERSITY OF VOCATIONAL TECHNOLOGY Faculty of Training Technology

Bachelor of Technology in Information & Communication Technology

(Multimedia & Web, Software, Network) 2015 / 2016 (B1)

Year I – Semester- I Examination - September -2015

Internet Technologies IT10406

Instructions : Answer All Questions on the provided answers booklet.

Duration : 03 Hours

Total Marks : 100

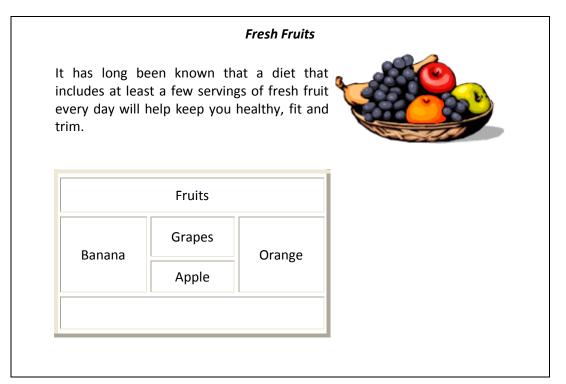
1. Copy the following table into your answers booklet & mark the following statements on JavaScript as either true or false by placing a tick (\checkmark) on the appropriate column.

(15 marks)

No.	Statement	True	False
١.	JavaScript is a case-sensitive language.		
II.	Simple statements in JavaScript are generally followed by a		
	semicolon		
111.	Any text between the characters /* and */ is treated as a		
	comment.		
IV.	External source code file is saved with the .js extension.		
V.	A variable should be declared before using it.		
VI.	Multiple variables can be declared using the same var		
	keyword.		
VII.	123test is a valid variable name		
VIII.	final is an invalid variable name		
IX.	C += A is equivalent to $C = C + A$		
Х.	The dowhile loop will always be executed at least once, even		
	if the condition is false .		
XI.	The break statement indicates the end of a particular case.		
XII.	The while loop will execute at least once, even if the condition		
	is false .		
XIII.	Prompt box is used to display warning messages to the user		
XIV.	A function is called using its name		
XV.	var fruits = new Array("apple", "orange", "mango");		
	create an array with three elements		

2. Write XHTML code to generate the following web page. Use the image name as friut.jpg.

(25 marks)



- 3. Following code is written to generate a web page. Complete the Style Sheet to meet the following requirements
 - change the text color of the paragraph to "blue"
 - change the font of the paragraph to "courier"
 - center align the paragraph
 - change the text size of the paragraph to 16pt
 - indent the paragraph text by 40px
 - change the background color of the paragraph to yellow
 - center align all content of the page

(10 marks)

```
<!DOCTYPE html PUBLIC "-//w3c//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<title>Cascading Style Sheet</title>
<style>
</style>
</style>
</head>
<body>

The number of lines in a paragraph depends on the size of the browser window. If you resize the browser window, the number of lines in this paragraph will change.
```

4.	<pre>Write the output of the following code <html> <head><title></title></head> <body> <script language="JavaScript"> var grade='A'; document.write("Entering switch block "); switch (grade) { case 'A': document.write("Good job "); case 'A': document.write("Pretty good "); case 'B': document.write("Pretty good "); case 'C': document.write("Pretty good "); case 'C': document.write("Not so good "); case 'F': document.write("Failed "); default: document.write("Unknown grade ") } document.write("Exiting switch block"); </script> Set the variable to different value and then try</body></html></pre>	
		(10 marks)
5.	 Write Short notes on the following a. Web blog b. Top Level Domain c. TCP Segment d. DNS Root Servers 	(20 marks)
6.	Write a JavaScript Code to perform the following operationsaccept 3 integers from the user	

- arrange the accepted numbers in ascending order
- Output the ascending ordered numbers to the user

(20 marks)