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(a)	(i) O	itline three uses of server side web programs.	(3 mar)
	(ii) E	xplain two factors to consider when choosing a web program	ming language. (4 mar
(b)	Explain	two circumstances under which a web designer would prefer	to use a web authori
	tool whe	n developing a website.	
(c)	Outline	three features of micromedia dreamweaver.	(3 ma
(d)	Write a	JavaScript code embedded in HTML that would be used to describe their cubes as shown below. Use while loop.	
	Numbe		
	1 2	8	
	3	27	
	4	64	
	5	125	

4.00.000.000.000			
(a)	(i)	State two technical challenges faced when enforcing internet security.	(2 n
	(ii)	Describe two web programming interfaces.	(4 r
(b)	Char Desc site.	eles, a web designer, intends to develop a web site for a company he is working the two web authoring tools other than Dreamweaver that he would use to develop a web site for a company he is working the two web authoring tools other than Dreamweaver that he would use to develop a web site for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two web sites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the two websites for a company he is working the company he is working the two websites for a company he is working the two websites for a company he is working the company he is worki	ng for develo (4 i

(c)	Interpret the following JavaScript program.	(4 marks)
	<pre><script language="JavaScript"></pre></th><th></th></tr><tr><th></th><th>var home = new Image();</th><th></th></tr><tr><th></th><th>home src="http://yourdomain.com/image.jpg" var home-roll = new Image();</th><th></th></tr><tr><th></th><th>home-roll erc="http://yourdomain.com/image.jpg"</th><th></th></tr><tr><th></th><th></script></pre>	
	and the somewhaters are a common and the same and the sam	
		DISERT D III. DEC BROWN
	AND REMARKS BY IF TO APPEAR OF THE PROPERTY OF THE	
(d)	With the aid of a diagram in each case, explain the function of each of the fo	llowing tags as
	used in web design.	•
	(i) <tfoot>;</tfoot>	(3 marks)
	A STATE OF THE STA	
		(21)
	(ii) <colgroup>.</colgroup>	(3 marks)
		···· · · · · · · · · · · · · · · · ·
		
(a)	State three circumstances under which a paragraph tag would be used.	(3 marks)
· -		
		
4.		
(p)	Describe each of the following types of web authoring editors:	
	(i) Pure WYSIWYG;	(2 marks)
W. 4.46 b.W.		
	•	

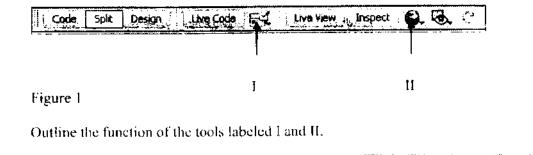
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3.

(2 marks)

(c)	(i)	 Explain a circumstances under which a Split view option would be use 	d when
		designing a web page using a web authoring tool.	(3 marks)

(ii) Figure 1 shows a section of a web navigation toolbar of a web authoring tool. Use it to answer the question that follows.



(d) Write a HTML code that would be used to generate the following output. (8 marks)

Courses Offered at Best Technologies College.					
Course	Duration	Revision dates	Fees for single subject for revision		
DICT	6 months	12/08/2014-	2,000		
DSS	6 months	12/09/2014	2,000		
CIT	6 months	15/09/2014-	1,500		
CEET	6 months	01/10/2012	1,500		
CCAT	6 months	01/10/2012	1,500		

(a)	Outline four types of hyperlinks used in web programming.	(4 marks)
(b)	Explain the function of each of the following commands as used in	n web authoring tools.
	(i) design	(2 marks
	(ii) live code.	(2 marks
(c)	Interpret each of the following statements as used in HTML frame (i) cols="200,*"	(2 mark
	(ii) scrolling = "no"	(2 mar
(d)	Write a HTML code that would be used to generate the following to the text. Binary integer to decimal conversion The following are the steps followed when converting 110 binary to the given number such as 1102	(o ma.
	 Write the given number such as 1102 Below each digit write its respective place value starting fr 1	om the right.
	1x4=4 $1x2=2$ $0x1=04. Add the products then write the answer in base ten to get$	the decimal equivalent.

<href> Explain the function of each of the following terms as used in Web aut I. paste special; II. copy. Differentiate between spoofing and phishing as used in the Internet.</href>	(1 mark) (1 mark) horing tools: (2 marks) (2 marks)
Explain the function of each of the following terms as used in Web aut I. paste special; II. copy.	horing tools: (2 marks) (2 marks)
I. paste special; II. copy.	(2 marks)
II. copy.	(2 marks)
	(4 marks)
	(4 marks)
Explain the function of the <hr/> > tag as used in HTML.	(2 marks)
the aid of an example, outline a statement the would be used to declare a acters in JavaScript programming language.	string of (2 marks)
	Explain the function of the <hr/> tag as used in HTML. the aid of an example, outline a statement the would be used to declare a

5.

(d)		an ASP program embedded on HTML that would be used to display all the range 1 and 50.	(6 marks)
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	· - · · · - · · ·		
- washing			
<u> </u>			
			·
			TO THE OWNER OF THE OWNER OWNER OF THE OWNER OW
(a)	Outli	ne four disadvantages of using frames when designing a web site.	(4 marks)
·			
(b)	(i)	Explain two methods used when transmitting data collected from a fo	rm to a server. (4 marks)
	·		
	(ii)	Nicholson, a web master, in an organization intends to enhance securit	v on the data ir
	(11)	their networked computers. Outline two security measures that he wo	uld put in place
			(2 marks)

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(c)	Explain a circumstance under which a web site designer would use a <i>frame</i> when designing a website. (2 marks)
(d)	Write a JavaScript code embedded in HTML that accepts a password of a user. The program should then output the message; "Valid Password" if password entered is KNEC14 else displays; "Invalid Password. (8 marks)
	

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(a)	Outline four attributes associated with the image tag.	(4 marks
(b)	Distinguish between hypertext and hyperlink as used in web programming.	(4 mark
(c)	Differentiate between each of the following file formats: (i) .fla and .swf	(4 marks
	(ii) .flv and .swc	(4 marks
(d)	With the aid of an example, describe the term empty tag as used in HTML.	, (4 marks
(a)	State three examples of list tags used in HTML.	(3 marks)

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(b) 	Differentiate between external links and internal link as used in web design. (4 marks)
(c)	Charlyn, a computer user, had the following text on the design view of a web authoring tool she was using. Write a HTML code as it would appear in the code view window. (5 marks)
	INTERNET PROGRAMMING IS INTERESTING
	AUTHORING TOOLS ARE USED FOR DEVELOPING THE CODES
	LEARN THE TOOLS
(d)	Write a HTML code that would be used to generate the following output when ran on a web browser. (8 marks)
	ONLINE COURSE REGISTRATION FORM
	Surname: FirstName: MiddleName:
	Select the level of course you are applying for:
	Select the Course you would like to pursue:
	Information Technology Electrical Engineering Mechanical Engineering
***** *******************************	