Enrollment No.....................................

Faculty of Science
End Sem (Odd) Examination Dec-2019
BC3EC06 Internet Technologies

Programme: B.Sc. (CS)   Branch/Specialisation: Computer Science

Duration: 3 Hrs.   **Maximum Marks: 60**

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

Q.1 i. The open source software version of Netscape is   **1**
(a) Chrome   (b) Mozila
(c) Internet Explorer   (d) None of these

ii. First Popular web browser introduced in   **1**
(a) 1993   (b) 1991   (c) 1998   (d) 1995

iii. The attribute of <form> tag is   **1**
(a) Method   (b) Action
(c) Both (a) and (b)   (d) None of these

iv. Correct HTML tag for the largest heading is   **1**
(a) h1   (b) Head   (c) h6   (d) Heading

v. If we don't want to allow a floating div to the left side of an element, which CSS property will we use?   **1**
(a) Wrap   (b) Push   (c) Float   (d) Align

vi. How can we write comment along with CSS code?   **1**
(a) /* a comment */   (b) // a comment //
(c) / a comment /   (d) <a comment >

vii. What is the HTML tag under which one can write the JavaScript code?   **1**
(a) <javascript>   (b) <scripted>
(c) <script>   (d) <js>

viii. Which of the following is not a reserved word in JavaScript?   **1**
(a) Interface   (b) Throws   (c) Program   (d) String

P.T.O.

ix. Which types of e-commerce focuses on consumer dealing with each other   **1**
(a) C2B   (b) C2C   (c) B2C   (d) B2B

x. Which products are peoples more likely to be uncomfortable buying on the internet?   **1**
(a) Movie   (b) Furniture   (c) Books   (d) All of these

Q.2 i. Why HTTP is Secure?   **3**
ii. Explain HTTP? How does the web work? Give two examples of web server.   **7**
OR iii. What is IP address? Explain the need of the IP address.   **7**

Q.3 i. Explain the basic structure of an HTML.   **3**
ii. How Frames and tables are used in HTML. Explain with example.   **7**
OR iii. Explain the use of HTML form element for designing the web page layout with appropriate example.   **7**

Q.4 i. How to use CSS Selector? Explain with example.   **3**
ii. What is CSS? Discuss the merits and demerits of CSS.   **7**
OR iii. In how many ways can a CSS be integrated as a web page.   **7**

Q.5 i. How to define objects in java Script.   **3**
ii. Create an HTML page with java script, which takes one integer number as an input and tell whether the no. Is even or odd.   **7**
OR iii. Write a function in java script that shows the digital clock when HTML page is loaded.   **7**

Q.6 i. What are the various components of electronic commerce application?   **3**
ii. What do you understand by electronic fund transfer? Explain the e commerce architecture.   **7**
OR iii. Explain the working of electronic payment system and what are risks involved in electronic payment system.   **7**

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Marking Scheme
BC3EC06 Internet Technologies

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Q.1 i. The open source software version of Netscape is   **1**
(b) Mozila

ii. First Popular web browser introduced in   **1**
(a) 1993

iii. The attribute of \<form> tag is   **1**
(c) Both (a) and (b)

iv. Correct HTML tag for the largest heading is   **1**
(a) h1

v. If we don't want to allow a floating div to the left side of an **1**
element, which CSS property will we use?
(c) Float

vi. How can we write comment along with CSS code?   **1**
(a) /* a comment */

vii. What is the HTML tag under which one can write the JavaScript **1**
code?
(c) \<script>

viii. Which of the following is not a reserved word in JavaScript? **1**
(c) Program

ix. Which types of e-commerce focuses on consumer dealing with **1**
each other
(b) C2C

x. Which products are peoples more likely to be uncomfortable **1**
buying on the internet?
(b) Furniture

Q.2	i.	Explanation of Reason		**3**
	ii.	Definition of HTTP	2 marks	**7**
		Working	3 marks	
		Example	2 marks	
OR	iii.	IP address	2 marks	**7**
		Classes	2 marks	
		Need of the IP address	3 marks	

Q.3	i.	Basic structure of an HTML		**3**

		Structure	2 marks	
		Definition	1 mark	
	ii.	Frames are used in HTML	2 marks	**7**
		Tables are used in HTML	2 marks	
		Example	3 marks	
OR	iii.	Use of HTML form element for designing the web page layout		**7**
		Usage	2 marks	
		Example	5 marks	

Q.4	i.	Use CSS Selector	1.5 marks	**3**
		Example	1.5 marks	
	ii.	Definition of CSS	2 marks	**7**
		Merits	2.5 marks	
		Demerits of CSS	2.5 marks	
OR	iii.	In how many ways can a CSS be integrated as a web page.		**7**
		For writing how many ways	1 mark	
		Each CSS with explanation 2 marks (2 marks * 3)	6 marks	

Q.5	i.	Objects in java Script	1 mark	**3**
		Example	2 marks	
	ii.	Create an HTML page with java script		**7**
		Program stepwise marking		
OR	iii.	Write a function in java script that shows		**7**
		Program stepwise marking		

Q.6	i.	Components of electronic commerce application		**3**
	ii.	Definition of electronic fund transfer	2 marks	**7**
		E commerce architecture	5 marks	
OR	iii.	Working of electronic payment system	3.5 marks	**7**
		Risks involved in electronic payment system	3.5 marks	

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