

## A2-R5 : WEB DESIGNING AND PUBLISHING

अवधि : 03 घंटे

DURATION : 03 Hours

अधिकतम अंक : 100

MAXIMUM MARKS : 100

ओएमआर शीट सं. :					
OMR Sheet No. :					

रोल नं. : 

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Roll No. : 

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उत्तर-पुस्तिका सं. : 

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Answer Sheet No. : 

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परीक्षार्थी का नाम :

Name of Candidate :

परीक्षार्थी के हस्ताक्षर :

Signature of Candidate :

### परीक्षार्थियों के लिए निर्देश :

### Instructions for Candidate :

कृपया प्रश्न-पुस्तिका, ओएमआर शीट एवं उत्तर-पुस्तिका में दिये गए निर्देशों को ध्यानपूर्वक पढ़ें।	Carefully read the instructions given on Question Paper, OMR Sheet and Answer Sheet.
प्रश्न-पुस्तिका की भाषा अंग्रेजी है। परीक्षार्थी केवल अंग्रेजी भाषा में ही उत्तर दे सकता है।	Question Paper is in English language. Candidate can answer in English language only.
इस मॉड्यूल/पेपर के दो भाग हैं। भाग एक में चार प्रश्न और भाग दो में पाँच प्रश्न हैं।	There are TWO PARTS in this Module/Paper. PART ONE contains FOUR questions and PART TWO contains FIVE questions.
भाग एक "वैकल्पिक" प्रकार का है जिसके कुल अंक 40 हैं तथा भाग दो "व्यक्तिपरक" प्रकार का है और इसके कुल अंक 60 हैं।	PART ONE is Objective type and carries 40 Marks. PART TWO is Subjective type and carries 60 Marks.
भाग एक के उत्तर, ओएमआर उत्तर-पुस्तिका पर ही दिये जाने हैं। भाग दो की उत्तर-पुस्तिका में भाग एक के उत्तर नहीं दिये जाने चाहिए।	PART ONE is to be answered in the OMR ANSWER SHEET only. PART ONE is NOT to be answered in the answer book for PART TWO.
भाग एक के लिए अधिकतम समय सीमा एक घण्टा निर्धारित की गई है। भाग दो की उत्तर-पुस्तिका, भाग एक की उत्तर-पुस्तिका जमा कराने के पश्चात् दी जाएगी। तथापि, निर्धारित एक घंटे से पहले भाग एक पूरा करने वाले परीक्षार्थी भाग एक की उत्तर-पुस्तिका निरीक्षक को सौंपने के तुरंत बाद, भाग दो की उत्तर-पुस्तिका ले सकते हैं।	Maximum time allotted for PART ONE is ONE HOUR. Answer book for PART TWO will be supplied at the table when the Answer Sheet for PART ONE is returned. However, Candidates who complete PART ONE earlier than one hour, can collect the answer book for PART TWO immediately after handing over the Answer Sheet for PART ONE to the Invigilator.
परीक्षार्थी, उपस्थिति-पत्रिका पर हस्ताक्षर किए बिना और अपनी उत्तर-पुस्तिका, निरीक्षक को सौंपे बिना, परीक्षा हॉल/कमरा नहीं छोड़ सकते हैं। ऐसा नहीं करने पर, परीक्षार्थी को इस मॉड्यूल/पेपर में अयोग्य घोषित कर दिया जाएगा।	Candidate cannot leave the examination hall/room without signing on the attendance sheet and handing over his/her Answer Sheet to the invigilator. Failing in doing so, will amount to disqualification of Candidate in this Module/Paper.
प्रश्न-पुस्तिका को खोलने के निर्देश मिलने के पश्चात् एवं उत्तर लिखना आरम्भ करने से पहले उम्मीदवार जाँच कर यह सुनिश्चित कर लें कि प्रश्न-पुस्तिका प्रत्येक दृष्टि से संपूर्ण है।	After receiving the instruction to open the booklet and before starting to answer the questions, the candidate should ensure that the Question Booklet is complete in all respect.

जब तक आपसे कहा न जाए, तब तक प्रश्न-पुस्तिका न खोलें।

DO NOT OPEN THE QUESTION BOOKLET UNTIL YOU ARE TOLD TO DO SO.

**PART ONE**  
**(Answer all the questions)**

- 1. Each question below gives a multiple choice of answers. Choose the most appropriate one and enter in the "OMR" answer sheet supplied with the question paper, following instructions therein.**  
**(1x10)**

**1.1** \_\_\_\_\_ tag is used to mark a beginning of paragraph.

- (A) <TD>
- (B) <br>
- (C) <P>
- (D) <TR>

**1.2** Correct HTML tag for the largest heading is :

- (A) <head>
- (B) <h6>
- (C) <heading>
- (D) <h1>

**1.3** Which of the following is a container ?

- (A) <SELECT>
- (B) <BODY>
- (C) <INPUT>
- (D) Both (A) and (B)

**1.4** The attribute, which define the relationship between current document and HREF'ed URL is :

- (A) REL
- (B) URL
- (C) REV
- (D) All of these

**1.5** <DT> tag is designed to fit a single line of our web page but <DD> tag will accept a :

- (A) line of text
- (B) full paragraph
- (C) word
- (D) request

**1.6** Character encoding is :

- (A) method used to represent numbers in a character
- (B) method used to represent character in a number
- (C) a system that consists of a code which pairs each character with a pattern, sequence of natural numbers or electrical pulse in order to transmit the data
- (D) none of these

<p><b>1.7</b> What is the full form of HTML ?</p> <p>(A) Hyphenation text markup language</p> <p>(B) Hypertext markup language</p> <p>(C) Hypertext marking language</p> <p>(D) Hyphenation test marking language</p>	<p><b>2.</b> Each statement below is either TRUE or FALSE. Choose the most appropriate one and ENTER in the “OMR” answer sheet supplied with the question paper, following instructions therein.</p> <p style="text-align: right;"><b>(1x10)</b></p>
<p><b>1.8</b> A much better approach to establish the base URL is to use :</p> <p>(A) BASE element</p> <p>(B) HEAD element</p> <p>(C) Both (A) and (B)</p> <p>(D) None of these</p>	<p><b>2.1</b> CSS stands for Cascading Style Sheets.</p>
<p><b>1.9</b> The tag used to create a new list item and also include a hyperlink is :</p> <p>(A) &lt;LI&gt;</p> <p>(B) &lt;DL&gt;</p> <p>(C) &lt;DD&gt;</p> <p>(D) &lt;UL&gt;</p>	<p><b>2.2</b> CSS can also be used with any kind of XML documents.</p> <p><b>2.3</b> A CSS rule set contains a selector and a declaration block.</p> <p><b>2.4</b> CSS Element Selector is type of selectors in CSS.</p> <p><b>2.5</b> The universal selector is never used as a wildcard character.</p> <p><b>2.6</b> The grouping selector is used to select all the elements with the different style definitions.</p> <p><b>2.7</b> Id selector selects the id attribute of an HTML element to select a specific element.</p>
<p><b>1.10</b> Any part of the graphic that is not included in another hot zone is considered to be part of :</p> <p>(A) rect</p> <p>(B) point</p> <p>(C) default</p> <p>(D) polygon</p>	<p><b>2.8</b> Inline CSS is used to apply CSS on multiple lines or elements.</p> <p><b>2.9</b> The internal style sheet is used to add multiple styles for more than one document.</p> <p><b>2.10</b> The external style sheet facilitates one to change the look of the entire website by changing just one file.</p>

3. Match words and phrases in column X with the closest related meaning/word(s)/phrases in column Y. Enter your selection in the “OMR” answer sheet supplied with the question paper, following instructions therein.

(1x10)

	Column X		Column Y
3.1	H1....H6	A.	.js extension
3.2	External JavaScript file	B.	Headings
3.3	HTTP	C.	Double forward slashes
3.4	JavaScript Single line Comment	D.	Hypertext Transfer Protocol
3.5	CSS	E.	Cascading Style Sheet
3.6	JavaScript variable	F.	Dynamic type language
3.7	JavaScript global variable	G.	Local variable and global variable
3.8	XML	H.	To execute one code from multiple expressions
3.9	JavaScript	I.	Declared outside the function
3.10	JavaScript switch statement	J.	Extensible Markup Language
		K.	HTML
		L.	XML
		M.	Data Dependency

4. Each statement below has a blank space to fit one of the word(s) or phrase(s) in the list below. Enter your choice in the "OMR" answer sheet attached to the question paper, following instructions therein. (1x10)

A.	<PRE> formatted text	B.	<TABLE>	C.	<HEAD>
D.	Interfaces	E.	out does type	F.	<OL>
G.	HTML extension	H.	Six	I.	Header
J.	<CAPTION>	K.	Five	L.	<Body>
M.	<Input>				

- 4.1 \_\_\_\_\_ Tag creates a number/order list.
- 4.2 Main container for <TR>, <TD> and <TH> is \_\_\_\_\_.
- 4.3 The text inside the <TEXT AREA> tag works like \_\_\_\_\_.
- 4.4 <Base> tag is designed to appear only between \_\_\_\_\_.
- 4.5 In HTML we have \_\_\_\_\_ heading Tags for writing heading.
- 4.6 Any part of the graphic that is not included in another hot zone is considered to be part of \_\_\_\_\_.
- 4.7 The tag which allows you to rest other HTML tags within the description is \_\_\_\_\_.
- 4.8 The word document Node, Nodelist, Element node etc. are \_\_\_\_\_.
- 4.9 DTD's are Ways to create templates for \_\_\_\_\_.
- 4.10 The MIME text file is saved with \_\_\_\_\_.

## PART TWO

(Answer any FOUR questions)

5. (a) What is HTML ? What do you mean by tags ?  
(b) What are applets ?  
(c) What is a well formed XML Document ? Why XML has been used for development ?  
(5+5+5)
6. (a) What do you understand by JavaScript ? Give some applications of JavaScript.  
(b) What do you understand by JavaScript object ? Explain the ways of creating JavaScript object.  
(c) What are nested elements in XML ? What is XQuery ?  
(4+5+6)
7. (a) What is CSS ? What are the advantages of CSS ?  
(b) What is a CSS Selector ? Explain any three types.  
(7+8)

8. (a) What are HTML Phrase tags ? Explain.  
(b) Explain 5 CSS background properties that affect the HTML elements.  
(7+8)
9. (a) What is Inline CSS ? What are the disadvantages ?  
(b) What is a marquee ? How many tags can be used to separate a section of texts ? What is the use of a span tag ?  
(8+7)

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SPACE FOR ROUGH WORK

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