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. :
Roll No. :

उत्तर-पुस्तिका सं. :
Answer Sheet No. :

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 है तथा **भाग दो** ''व्यक्तिपरक'' प्रकार का है और इसके कुल अंक 60 है।	**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 Markup tags tell the web browser _____.

(A) How to organize the page

(B) How to display the page

(C) How to display message box on page

(D) None of these

1.2 _____ attribute of text box control allow to limit the maximum character.

(A) size

(B) len

(C) maxlength

(D) all of the above

1.3 Web pages start with _____ tag.

(A) <Body>

(B) <Title>

(C) <HTML>

(D) <Form>

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 Correct HTML to left align the content inside a table cell is :

(A) <tdleft>

(B) <td raligh = "left" >

(C) <td align = "left">

(D) <td leftalign>

1.6 Meta tagappear in _____.

(A) <HEAD>

(B) <TITLE>

(C) <BODY>

(D) <FORM>

1.7 What is the full form of HTML ?

   (A)   Hyphenation text markup language

   (B)   Hyper text markup language

   (C)   Hyper text marking language

   (D)   Hyphenation test marking language

1.8 <INPUT> is _____.

   (A)   format tag

   (B)   empty tag

   (C)   both (A) and (B)

   (D)   none of the above

1.9 The map definition file is generally stored in :

   (A)   CGI-BIN

   (B)   RECYCLE-BIN

   (C)   BIN

   (D)   All of the above

1.10 The text inside the <TEXT AREA> tag works like :

   (A)   <P> formatted text

   (B)   <T> formatted text

   (C)   <PRE> formatted text

   (D)   none of these

2. **Each statement below is either TRUE or FALSE. Choose the most appropriate one and enter your choice in the "OMR" answer sheet supplied with the question paper, following instructions therein.**
(1x10)

2.1 The external style sheet may be written in any text editor but must be saved with a .css extension.

2.2 CSS background property is used to define the background effects on element.

2.3 The background-color property is used to specify the entire color of the element.

2.4 The background-position property defines the last position of the background image.

2.5 The CSS border properties do not include border-style.

2.6 The Border style property is used to specify the border type which you want to display on the web page.

2.7 CSS display is the property of CSS which controls the layout of the element.

2.8 The "none" value totally removes the element from the page.

2.9 List-Item makes the element behave like a <li> element.

2.10 The CSS float property is not a positioning property.

3. **Match words and phrases in column X with the closest related meaning/word(s)/phrase(s) 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	HTTP	A.	Photo editing tool
3.2	CSS	B.	Markup Standard
3.3	H1 ….H6	C.	XML
3.4	empty tags	D.	create a new function
3.5	SGML	E.	Cascading Style Sheet
3.6	JavaScript while loop	F.	Web Browser
3.7	bind()	G.	iterates the elements for the infinite number of times
3.8	Google Chrome	H.	Mozilla Browser
3.9	Firefox	I.	Hyper Text Transfer Protocol
3.10	Canva	J.	Headings
		K.	Maxlength
		L.	Title
		M.	Function

4. **Each statement below has a blank space to fit one of the word(s) or phrase(s) in the list below. Choose the most appropriate option, enter your choice in the "OMR" answer sheet supplied with the question paper, following instructions therein.** **(1x10)**

A.	<PRE> formatted text	**B.**	<LINK>	**C.**	FILTERS	**D.**	Brightness
E.	RESET	**F.**	HEAD tag	**G.**	#	**H.**	HTTP
I.	Header	**J.**	<CAPTION>	**K.**	DTD	**L.**	<t>
M.	CSS list						

4.1 The body tag usually used after _____.

4.2 The tag used to create a hypertext relationship between current document and another URL is _____.

4.3 The text inside the <TEXT AREA> tag works like _____.

4.4 Win 10 Brightness Slider is a _____ tool.

4.5 The tag which allows you to rest other HTML tags within the description is _____.

4.6 Symbol used at the beginning of the HREF text is _____.

4.7 _____ defines the syntax of the markup in SGML.

4.8 _____ improves the quality of an image without distorting it.

4.9 _____ creates push button

4.10 _____ is an application layer protocol that works on request and response.

PART TWO

(Answer any FOUR questions)

5. (a) What are style sheets ? How can one change the number type in the middle of the list ?

   (b) Explain the three main ways to apply CSS styles to a web page.

   (c) What are pseudo classes and what are they used for ?

   (5+5+5)

6. (a) Explain CSS Padding Property. Also brief about CSS Position property.

   (b) Explain briefly the principles of Web Page Design.

   (c) What are the new FORM elements which are available in HTML5 ?

   (4+5+6)

7. (a) What is scope in Angular JS ? Explain the services in Angular JS.

   (b) Explain what is Angular Expression ? Explain what is key difference between angular expressions and JavaScript expressions ?

   (7+8)

8. (a) Explain what is an injector ? Explain what is the difference between links and compile in angular.js ?

   (b) Explain what is DI ? How an object can get dependencies ?

   (7+8)

9. Write short notes on **any three** :

   (a) Meta Search Engine

   (b) Transform tools in photo editing

   (c) Web Hosting

   (d) Document Interchange Standard

   (5+5+5)

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SPACE FOR ROUGH WORK