

## 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 :

परीक्षार्थी के हस्ताक्षर :

Name of Candidate :

;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 Which of the following is used to read a HTML page and render it ?

- (A) Web browser
- (B) Web server
- (C) Web matrix
- (D) Web network

- 1.2 DNS translates \_\_\_\_\_.

- (A) domain name into IP
- (B) IP into domain name
- (C) both (A) and (B)
- (D) domain name into physical address

- 1.3 Once the e-mail is sent, the message is broken into pieces called \_\_\_\_\_.

- (A) Packets
- (B) Process
- (C) Digits
- (D) Bytes

- 1.4 The \_\_\_\_\_ attribute adds space within each cell.

- (A) Cell Spacing
- (B) Cell Padding
- (C) Width
- (D) Align

- 1.5 What is the correct HTML for referring to an external style sheet ?

- (A) `<link rel = "stylesheet" type = "text/css" href = "mystyle.css">`
- (B) `<stylesheet>       mystyle.css</stylesheet>`
- (C) `<style src = "mystyle.css">`
- (D) `<style link = "mystyle.css">`

- 1.6 Where in an HTML document is the correct place to refer to an external style sheet ?

- (A) In the `<body>` section
- (B) In the `<head>` section
- (C) At the end of the document
- (D) Anywhere in the document

- 1.7 Choose the correct HTML element for the largest heading.
- (A) <h6>
  - (B) <head>
  - (C) <h1>
  - (D) <heading>
- 1.8 What is the correct syntax for referring to an external script called "xxx.js" ?
- (A) <script href = "xxx.js">
  - (B) <script src = "xxx.js">
  - (C) <script name = "xxx.js">
  - (D) <script id = "xxx.js">
- 1.9 How do you write "Hello World" in an alert box ?
- (A) alert("Hello World")
  - (B) alertBox("Hello World")
  - (C) msgBox("Hello World")
  - (D) msg("Hello World")
- 1.10 Which of the following is a filter in Angular JS ?
- (A) Currency
  - (B) Date
  - (C) Uppercase
  - (D) All of the above
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 It is faster to render HTML and CSS than to interpret and execute JavaScript.
- 2.2 Padding property is allowed using negative values.
- 2.3 The external JavaScript file must contain the <script> tag.
- 2.4 JavaScript is the same as Java.
- 2.5 Angular JS is entirely based on HTML and JavaScript.
- 2.6 TELNET protocol is working on port 24.
- 2.7 JavaScript is case-sensitive.
- 2.8 We can create custom directive in Angular JS.
- 2.9 We can use SVG tags directly in HTML5 without any plugin.
- 2.10 In HTML5 six new semantic attributes were introduced.

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)

X		Y	
3.1	Web search engines stores information about many web pages by a	A.	<div>
3.2	Tag used to provide sections in HTML document	B.	<a href = "url" target = "new">
3.3	Attribute of <Marquee> tag	C.	Web Crawler
3.4	To open a link in a new browser window	D.	An interpreted
3.5	HTML attribute used to define inline styles	E.	scroll
3.6	CSS property is used for controlling the layout	F.	style
3.7	Abbreviation of XHTML	G.	<a href = "url" target = "_blank">
3.8	Application to create, edit update files	H.	Extensible HyperText Markup Language
3.9	JavaScript is _____ language.	I.	display
3.10	Machine that places the request to access the data is generally called as	J.	Extensible High Text Markup Language
		K.	Notepad++
		L.	a compiled
		M.	Client

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.	Internet Service Provider	B.	Client side	C.	<dl> tag
D.	Integrated Development Environment	E.	Data transfer	F.	w3-color
G.	Client-server	H.	Local-server	I.	font-variant
J.	font-weight	K.	generic	L.	Country
M.	Key Phrase				

4.1 IDE stands for \_\_\_\_\_.

4.2 JavaScript is a \_\_\_\_\_ scripting language.

4.3 From \_\_\_\_\_ tag descriptive list starts.

4.4 ISP stands for \_\_\_\_\_.

4.5 \_\_\_\_\_ class is used to color any HTML element in W3.CSS framework.

4.6 A TCP connection normally consists of three phases: connection establishment, \_\_\_\_\_, and connection termination.

4.7 www is based on \_\_\_\_\_ model.

4.8 \_\_\_\_\_ selects a normal, or small-caps face from a font family in CSS.

4.9 The domain xxxx@yyyy.com is a(n) \_\_\_\_\_ domain.

4.10 We get list of sites after typing a word in search bar called \_\_\_\_\_.

## PART TWO

(Answer any FOUR questions)

5. (a) Discuss various Photo Editing Tools commonly used in application development.
- (b) Explain the CSS box properties in detail. (8+7)
6. (a) Explain W3.CSS responsive fluid grid to specify different columns on small, medium and large screens.
- (b) Write a HTML code to create a page which accepts Name, Male/Female (Radio Button), Address, City (drop down), Hobby (Check box), and having Submit and Reset buttons.
- (c) Explain HTML5 form validation in detail. (5+5+5)
7. (a) Explain what is Angular Expression. Explain what is key difference between angular expressions and JavaScript expressions.
- (b) What is JavaScript ? Write a JavaScript program to find the factorial a number entered by user in html textbox.
- (c) Explain the URL with its structure in detail. (5+5+5)
8. (a) What is the difference between a meta search engine and a web search engine ?
- (b) Explain principles of good web page design.
- (c) What is web hosting and web publishing ? (5+5+5)
9. (a) What is the Internet ? How it differs from the World Wide Web ?
- (b) Differentiate between static and dynamic web site.
- (c) Explain HTML table tag with its any five attributes. (5+5+5)

- o o o -

---

SPACE FOR ROUGH WORK

---

SPACE FOR ROUGH WORK