

Class: X Session: 2023-24
Computer Applications (Code 165)
Additional Practice Question Marking Scheme (Theory)

Maximum Marks: 50

Time Allowed: 2 Hours

	Section – A	Distribution of Marks	Marks
1	d. Software Licensing	1 Mark for correct answer	1
2	c. E-Governance	1 Mark for correct answer	1
3	d. Firefox	1 Mark for correct answer	1
4	d. Secure Shell Protocol	1 Mark for correct answer	1
5	c. Home Page	1 Mark for correct answer	1
6	b. Mozilla Firefox	1 Mark for correct answer	1
7	d. <sup>	1 Mark for correct answer	1
8	d.<th>	1 Mark for correct answer	1
9	d. Both a and b.	1 Mark for correct answer	1
10	d. Image, Video and Audio	1 Mark for correct answer	1
11	(a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).	1 Mark for correct answer	1
12	(a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).	1 Mark for correct answer	1
	Section –B (2 marks each)		
13	(a) IPR (Intellectual property rights) are the rights given to persons over the creations of their minds. There are several types of intellectual property rights like patent, copyright, trademark, etc. (b) Open source software(OSS) is a software whose source code is available in the public domain.	1 Mark for each correct definition. Note: Any other valid definition also to be considered.	2
14	Any two e-governance projects: 1)National Scholarship Portal 2)My Gov initiative 3)Digilocker 4) Income Tax 5) RTI Or any other two valid examples OR Any two advantages of E-banking. 1) Secure with https protocol and passwords & OTP protection. 2) Provide a mechanism to access your bank account online and transact easily. 3) Faster mode of Money Transfer, no need to visit the branch for basic essential services.	1 mark for each correct example OR 2 Marks for correct answer	2

	4) Eco- friendly as it reduces paper work.		
15	Remote Login: It allows users to access services (Software/Database or any other application) hosted on a remote computer. Protocol: Telnet.	1 Mark for correct definition. 1 mark for correct Protocol. Note: Any other valid definition will also be considered.	2
16	$H₂SO₄$ $(a+b)²=(a²+b²+2ab)$ <p style="text-align: center;">OR</p> <p>The alt attribute specifies an alternate text for an image, if the image cannot be displayed. The alt attribute provides alternative information for an image if a user for some reason cannot view it (because of slow connection, an error in the src attribute. </p>	<p>1.mark for each correct code</p> <p style="text-align: center;">OR</p> <p>2 Marks for correct answer.</p>	2
17	<p>CSS Margin properties enables to create space around an HTML element. SYNTAX: <P style="MARGIN:VALUE;">TEXT</P></p> <p>The float property in CSS is used for positioning and formatting content. it specifies whether an element should float to the left, right, or not at all. Syntax: <p>TEXT</P></p>	<p>1 Mark correct definition of each property. Note: Syntax for external for internal CSS of each property should also be considered.</p>	2
18	<p>An HTML heading tag is used to define the headings of a page. There are six levels of headings defined by HTML. These 6 heading elements are h1, h2, h3, h4, h5, and h6; with h1 being the highest level and h6 being the least. <h1>Heading 1</h1> <h2>Heading 2</h2> <h3>Heading 3</h3></p> <p style="text-align: center;">OR</p> <p>Give Code with underline mistakes/errors <html> <body> <h7>My First Heading</h7> <a>My first paragraph </body> </html></p> <p>Correct code: <html> <body></p>	<p>1 mark for explanation 1 mark for HTML code syntax.</p> <p style="text-align: center;">OR</p> <p>1/2 Mark each for mentioning mistakes in code and 1 mark for Rewriting correct code.</p>	2

	<pre><h1>My First Heading</h1> <p>My first paragraph</p> </body> </html></pre> <p>or alternatively any of tags h1 to h6 can be used in place of h7</p>		
19	HTML is a markup language use to create static web pages. CSS is cascading style sheets and is used to style web pages.	1 Mark for each correct usage.	2
	<u>Section –C (3 marks each)</u>		
20	<p>A) Font tag with Face attribute can be used to change the font type. Syntax: COMPUTER APPLICATION </p> <p>B) </p> <p>C) Click here </p>	1 mark for each correct answer.	3
21	<p>a) https</p> <p>b) Secure transmission</p> <p>c) World Wide Web.</p>	1 mark for each correct answer.	3
22	<pre><p style:" Text-Align : Center;"> THIS TEXT IS CENTER ALIGNED </p></pre> <p style="text-align: center;">OR</p> <p>There are three ways of inserting or linking a style sheet:</p> <ol style="list-style-type: none"> 1) External style sheet (with external CSS file linking) 2) Internal Style Sheet (with internal Style tag usage) 3) Inline Style (Used with elements) 	<p>1 mark for style attribute</p> <p>2 mark for correctly mentioning Text –Align Property with center as value.</p> <p>Note: Syntax for external or internal CSS of each property should also be considered.</p> <p>OR</p> <p>1 mark for each correct way of linking a style sheet</p>	3
23	<pre><html> <head> <title> CODING SKILL SUBJECT AS PER NEP 2020 </title> </head> <body BGCOLOR="GREEN"> <H1 STYLE="COLOR:WHITE";>NEP 2020 Suggests Coding Skill subjects to be implemented from early education. </H1> </body></pre>	<p>1 Mark for correct title.</p> <p>½ mark for background color.</p> <p>1.5 mark for h1 tag with style attribute.</p>	3
	<u>Section –D (4 marks)</u>		
24	<p>HTML code to design form:</p> <pre><html><head><title> APPLICATION</title></head><body> <form BGCOLOR="LIME"> <H1 >APPLICATION FORM</H1>
</pre>	<p>1 Mark each for correct usage of each tag</p> <p><form>, <input type=text>, <select>..<option>, <input type= "checkbox"></p>	4

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USERNAME : <input type="TEXT" NAME="ENAME1"
SIZE="30" VALUE="ENTER USER NAME "> <BR>
HOBBIES :<BR>
<INPUT TYPE="CHECKBOX" NAME="HOBIES"
VALUE="READING" CHECKED >READING <BR>
<INPUT TYPE="CHECKBOX" NAME="HOBIES"
VALUE="TRAVELLING" >TRAVELLING <BR>
<INPUT TYPE="CHECKBOX" NAME="HOBIES"
VALUE="PLAYING GAMES">PLAYING GAMES <BR>
<INPUT TYPE="CHECKBOX" NAME="HOBIES"
VALUE="SINGING & DANCING" >SINGING AND
DANCING<BR>
SELECT STREAM:<SELECT NAME="LIST NAME">
<OPTION>SCIENCE
<OPTION>COMMERCE
<OPTION>HUMANITIES
</SELECT>
<BR>
<INPUT TYPE="BUTTON" NAME="BUTTON" VALUE="SUBMIT"
></form></body>

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OR

HTML code to design given html page:

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<html>
<head>
<title> Working with table
</title>
</head>
<body>
<TABLE BORDER="2" HEIGHT="100" WIDTH="300"
CELLPADDING="20" BGCOLOR="LIME">
    <TR><TH COLSPAN="3" ALIGN="CENTER">CITY AND
THEIR DISTANCE(KM) FROM DELHI</TH> </TR>
    <tr>
    <td>SNO.</TD>
    <td>CITY NAME</TD>
    <TD>DISTANCE FROM DELHI</TD>
    </TR>
    <tr>
    <td>1</TD>
    <td>MUMBAI</TD>
    <TD>1408 KM</TD>

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OR

1 Mark for correct usage of <table> tag
1 Mark for correct usage of first <tr> tag along with <th> tag with colspan attribute each.
½ Mark each for correct usage of <tr>, <th> or <td> to display each rows.

	<pre> </TR> <tr> <td>2</TD> <td>CHENNAI</TD> <TD>2250 KM</TD> </TR> </body> </html> </pre>		
Section – E(4 marks each)			
25	<p>a. Video conferencing or VOIP(Voice over Internet protocol) Service.</p> <p>b. SMTP OR POP3.</p> <p>c. Secure Shell (SSH) protocol.</p> <p>d. Search Engine.</p>	1 Mark for each correct response.	4
26	<p>a. No it is not the right act.</p> <p>b. This act is called plagiarism.</p> <p>c. Violation of Copyright IPR(Intellectual Property Rights) Patent: A patent is an exclusive right granted for an invention. Generally speaking, a patent provides the patent owner with the right to decide how - or whether - the invention can be used by others.</p> <p>d. Any two netiquettes:</p> <ul style="list-style-type: none"> · He should not violate copyright. · He should give credit to the author and takes proper permission from author before submission of own work with its usage. 	<p>1 mark for each correct part.</p> <p>For c part, ½ mark for mentioning correct offense and ½ mark for patent definition.</p>	4