

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

Maximum Marks: 50

Time Allowed: 2 Hours

General Instructions:

1. This Question Paper has 5 Sections A-E.
2. All Questions are compulsory. However, internal choices have been provided in some of the questions.
3. Section A has 12 questions carrying 01 mark each.
4. Section B has 7 Short Answer (SA-I) type questions carrying 02 marks each.
5. Section C has 4 Short Answer (SA-II) type questions carrying 03 marks each.
6. Section D has 1 Long Answer (LA) type question carrying 04 marks.
7. Section E has 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

	<u>Section – A (All questions are compulsory)</u>	Marks
1	Which of the following not a factor of digital divide? a. Digital literacy b. Economic Inequality c. Technology gap d. Software Licensing	1
2	Website https://digilocker.gov.in comes under which of the following category? a. E-Commerce b. E-Reservation c. E-Governance d. E-Banking	1
3	Which one of the following is not a Search Engine? a. Google b. Bing c. AltaVista d. Firefox	1
4	What is the full form of SSH Protocol? a. Secure Socket Handshake Protocol b. Socket Secure Shell Protocol c. Shell Socket Secure Protocol d. Secure Shell Protocol	1
5	The first page of website is called _____. a. Web Page b. House Page c. Home Page d. Multimedia Page	1
6	Which of the following is an open-source software? a. Microsoft Edge b. Mozilla Firefox c. Google Chrome	1

	d. Safari	
7	The HTML tag used to make the text/character appearance as superscript: a. <sub> b. <p> c. <s> d. <sup>	1
8	Which HTML tag is used to create heading in a table? a. <td type=heading> b. <t head> c. <Head> d. <th>	1
9	The commonly used extensions of HTML file is/are . a. .htm b. .html c. .xml d. Both a and b	1
10	The <EMBED> tag element is used in HTML to attach which type of file? a. Image Only b. Video Only c. Audio Only d. Image, Video and Audio	1
	Questions No-11 & 12 are Assertion and Reason types. Each question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion & Reason.	
11	Assertion (A) : Patents comes under IPR(Intellectual Property Rights). Reason (R) : Patent is exclusive right granted to the user for an invention. a. Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A). b. Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A). c. Assertion (A) is true and Reason (R) is false. d. Assertion (A) is false and Reason (R) is true.	1
12	Assertion (A): Net-Banking frauds can be classified as cyber crimes . Reason (R): Net-Banking frauds includes the use of Internet. a. Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A). b. Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A). c. Assertion (A) is true and Reason (R) is false. d. Assertion (A) is false and Reason (R) is true.	1
	Section –B (2 marks each)	
13	Define the following terms: (a) IPR (b) Open-Source Software	2
14	Name any two major e-governance projects in India.	2

	OR	
	Write any 2 advantages of e-Banking.	
15	Explain the term Remote login? Name the protocol used for Remote Login.	2
16	Mention HTML Code to display the following formula/equation in a web page. i) H_2SO_4 ii) $(a+b)^2=(a^2+b^2+2ab)$	2
	OR	
	What is the use of "ALT" attribute in the tag ?	
17	What is margin and float with respect to CSS?	2
18	What are heading tags in HTML. Write HTML statement(s) to illustrate the usage of these tags. OR Jaitik is writing HTML Code for a page as follows: - <html> <body> <h7>My First Heading</h7> <a>My first paragraph </body> </html> But he is not getting desired output in this code which should consist "My first Heading" text display as heading and "My first paragraph" text as a paragraph. Help him to identify the error and correct the code. (Underline the error(s) and Re-write the Correct code).	2
19	Priya, a student of class X, is not aware about use of HTML and CSS. Help her by telling any one use of HTML and CSS each.	2
	Section –C (3 marks each)	
20	Sam, a newly appointed web designer in a Software Company, designs a web page. Help him in getting the following tasks done correctly: i) If he wants to change the name of the font(font-type) for certain text, which attribute of the font tag he should use or refer? ii) If he needs to insert an image "logo.jpg" into a web-page, suggest the tag which he should use. iii) If he needs to link a web page to another web page, suggest the tag which he should use.	3
21	Consider the URL: https://www.python.org and answer the following questions: a. Which component identifies the type of protocol? b. What is the significance of "s" in https? c. What does www stand for?	3
22	Paridhi, a student of class X, wants to align text in center using CSS but she does not know the syntax for the same, help her to align text to center. OR What are the three ways of inserting or linking a style sheet?	3
23	Raju wants to write the HTML Code to generate a web page with the following specifications: - <ul style="list-style-type: none">Title of the page should be "CODING SKILL SUBJECT AS PER NEP 2020"	3

- The background colour should be green.
- Web page should display content/text as "NEP 2020 Suggests Coding Skill subjects to be implemented from early education" as H1 Heading with style colour White.

Help Raju to generate a web page with above specifications.

Section –D (4 marks)

24 Write the HTML code to design the web page as shown: -

4

APPLICATION FORM

USERNAME :
 HOBBIES :
 READING
 TRAVELLING
 PLAYING GAMES
 SINGING AND DANCING
 SELECT STREAM:

SCIENCE
 COMMERCE
 HUMANITIES

OR

Write HTML code to design the web page containing the table as shown below
(Background colour of table display should be "lime" with cellpadding =20):-

CITY AND THEIR DISTANCE(KM) FROM DELHI		
SNO.	CITY NAME	DISTANCE FROM DELHI
1	MUMBAI	1408 KM
2	CHENNAI	2250 KM

Section – E(4 marks each)

25

Case Study -1

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Mr. Nirbhik is working as a Zonal Manager in ABFD Ltd Bank posted in the Nagpur. He wants to hold an Online Review meeting with branch managers working under his zone,

a) Which Web Service Mr. Nirbhik should use to communicate with branch managers in online face to face mode?

	<p>b) Mr. Nirbhik also wants to send an email to branch managers requesting them to prepare the balance sheet. Which network protocol is involved during this email communication?</p> <p>c) Mr. Nirbhik needs to send some high security documents to Branch Managers. He uses an application which supports the _____ protocol.</p> <p>d) In order to gather some information on latest accounting trends, Mr. Nirbhik has to do some research. He can do this by locating sites online using a _____.</p>	
26	<p style="text-align: center;">Case Study-2</p> <p>Consider the following scenario and answer the questions which follow: "A student Naitik is expected to write a research paper on a particular topic. The student had a friend Jaitik who took a similar class five years ago. The student asks Jaitik for a copy of his paper and submitted the entire paper as his own research work".</p> <p>a) Has Naitik done the right thing?</p> <p>b) Which activity does appropriately categorise the act of Naitik?</p> <p>c) What kind of offence is made by the student Naitik? Explain Patent with respect to IPR (Intellectual property rights).</p> <p>d) Suggest two Cyber Ethics that Naitik should be aware of.</p>	4