

Session: 2020-21
Computer Applications (Code 165)
Class: X
Sample Question Paper 2 (Theory)

Maximum Marks: 50

Time Allowed: 2 hours

General Instructions:

1. This question paper contains two parts A and B. Each part is compulsory.
2. Part A carries 20 marks while part B carries 30 marks.
3. Part-A consists very short answer and case based MCQ Questions and Part-B is Descriptive Paper.
4. Both Part A and Part B have choices.

Part – A:

1. It consists two sections- I and II.
2. Section I has 13 questions of very short answer type. An examinee is to attempt any 10 out of 13 questions.
3. Section II has two case studies. Each case study has 7 case-based sub-parts. An examinee is to attempt any 5 out of 7 sub-parts.

Part – B:

1. Question No. 16 to 20 are short answer Type (SA-I) questions of 2 mark each, Question No 21 to 25 are Short Answer Type (SA-II) questions of 3 marks each and Question No 26 is Long Answer Type question of 5 marks.
2. Internal choice is provided in 1 question of 2 marks, 1 question of 3 marks and 1 question of 5 marks.

Question No.	Part-A	Marks allocated
	Section-I This section consists of 13 questions of very short answer type. Question no. 4 to 8 are of 'fill in the blank' type. Fill the blank with the most appropriate answer. Attempt any 10 questions from question no 1 to 13.	
1.	What is website?	1
2.	Which attribute is used to define the thickness of horizontal rule?	1
3.	Which attribute of the body tag is used to set the background image of the page?	1
4.	The _____ tag is used to centre align the part of the text to the centre of the web page.	1
5.	The _____ tag displays the text or numbers in the subscript format.	1
6.	A list will appear in the reverse order when the _____ attribute is used with the element.	1
7.	Definition lists starts with _____ and ends with _____ tag.	1
8.	A _____ is an application software, which is used to access or view webpages or websites.	1
9.	What is WYSIWYG Editor?	1
10.	Which tag is used to define a paragraph in an HTML document?	1
11.	What does URL stand for?	1

	Uniform Resource Locator	
12.	Write a line of code to set the distance between two adjacent cells of a table.	1
13.	What is colspan and rowspan?	1
	Section-II Both the Case study-based questions are compulsory. Attempt any 5 questions (out of 7 questions) from each case study. Each question carries 1 mark.	
14.	The Internet Millions of computers worldwide are connected to the Internet. Using different internet services, users can share their ideas data and resources, search for information on a specific, send files and messages, and so on within a fraction of a second. WWW is a way of accessing information over the Internet. It contains millions of documents called web pages, which can be accessed via web browser application by providing the browsers with their respective URLs. The HTTP is the standard protocol used by the World Wide Web. It is responsible for accessing hypertext documents on the world wide web. Email is one of the most popular Internet applications. It allows users to send and receive messages in real time. It is a cost-effective and eco-friendly form of communication as it saves paper as well as postage cost.	
i.	Which of the following is commonly known as the Web? a. Web Browser b. WWW c. Web Application d. Web Page	1
ii.	What does WWW stand for? a. World Wide Web b. Web Wide World c. World Web Wide d. None of these	1
iii.	Which of the following is not True? a. A web page can hold text, graphics, video, audio, and hyperlinks. b. A website consists of many webpages. c. The first page of a website is known as Home page. d. Each webpage has a fixed URL.	1
iv.	Which of the following is a web browser? a. Google Chrome, b. Internet Explorer c. Mozilla Firefox d. All of these	1
v.	A web page or web site can be identified by its: a. URL b. Web Browser c. WWW d. None of these	1
vi.	The process of transferring files from the internet to your computer is called: a. Uploading	1

	<ul style="list-style-type: none"> b. Downloading c. Forwarding d. None of these 	
vii.	<p>Verification of a login name and password while accessing an email account is known as:</p> <ul style="list-style-type: none"> a. configuration b. accessibility c. authentication d. signing off 	1
15.	<p style="text-align: center;">Open source and Proprietary Software</p> <p>Open Source refers to the source code that is freely available and publicly accessible, so that anyone can modify or share it. There is no restriction on the distribution of such type of software, partial or whole. Open source software is also exempt from any royalty payments or other fees.</p> <p>In contrast, proprietary software may not be freely used, modified, distributed, and is restricted by conditions predefined by its publisher, vendor, or developer. It can be purchased or licenced for a fee. Copying, relicensing, and distribution are prohibited for such type of software. The user must agree to the terms and conditions before installing or using the software.</p>	
i.	<p>Which of the following can be freely accessed and modified?</p> <ul style="list-style-type: none"> a. Synchronous Software b. Package Software c. Open Source Software d. Middleware 	1
ii.	<p>Which of the following is not an open source software?</p> <ul style="list-style-type: none"> a. LibreOffice b. Microsoft Office c. GIMP d. None of these 	1
iii.	<p>What is another name given to 'proprietary software'?</p> <ul style="list-style-type: none"> a. Open source software b. Bespoke software c. Tailor Made software d. Closed source software 	1
iv.	<p>What is meant by 'proprietary' software?</p> <ul style="list-style-type: none"> a. Software owned by an organisation; you may not need to buy a license for. b. Software owned by an organisation; you may need to buy a license for. c. Freely available and constantly upgraded by users. d. None of these 	1
v.	<p>Which of the following is a 'proprietary' software?</p> <ul style="list-style-type: none"> a. Linux b. Unix c. Windows 10 d. Open Office 	1

vi.	Which of the following is not an advantage of 'open source' software? a. You can edit the source code to customise it. b. Source code is publicly accessible. c. You have to pay for it. d. All of these	1
vii.	Which of the following is not true about the 'proprietary' software? a. It can be purchased or licenced for a fee. b. Copying, relicensing, and distribution are prohibited. c. Regular updates provided by professionals d. None of these	1
Part –B		
All questions are compulsory. In case of internal choices, attempt anyone.		
16.	Write the two advantages and disadvantages of E-learning.	2
17.	Write a short note on video conferencing web service.	2
The advent of video conferencing has brought a revolution in the world of communication. It involves the use of webcams at the end of each user. This technology is mainly used for virtual meetings among a group of people to discuss political, business, medical, or social affairs. It is a cost effective and time saving means of communication.		
18.	Distinguish between container and empty elements with example.	2
19.	The following code is written to align an image in the center of the browser window. However, the desired result is not achieved. Give reasons. .	2
20.	Distinguish between the Trademark and Patent.	2
21.	What are the attributes which help in setting the horizontal and vertical alignments of the text in a table? Give examples.	3
22.	Which attribute is used to set the border of an image? Give a code segment to set border around the image.	3
23.	What are comments and how do you give them in HTML?	3
24.	Describe the following: a. TCP/IP b. HTTP c. Newsgroup	3
25.	Describe the following: a. Intellectual Property Rights b. Copyright c. Software Piracy OR What are digital property rights? List any two potential threats to digital property rights	3

26.

Consider the following web page and answer the following questions:

5

The screenshot shows a web page for 'Scholar Library'. At the top left is a logo with a globe and the text 'Scholar Library'. Below the logo is a 'Membership Offer!' section with three options: A. Young Learners Membership, B. General Individual Membership, and C. Family Membership. Under option C, there is a bulleted list of categories: Fiction, Research, History, Science, Non-Fiction, Children, Travel, and Cooking. To the right of the list is an image of a library interior. Labels R, P, T, and Q point to the logo, the membership offer text, the image, and the bulleted list respectively.

- What is the alignment of the logo? Mention its syntax.
- Name the attribute used to change the colour of the bulleted points.
- If you want to search books on the topic 'Science', which tag you will use to create a link to that web page?
- Identify the types of lists used on the web page.
- Name the tag used to insert the image, book.jpg on the web page pointed by the letter T.

OR

Write the code for the following webpage.

The screenshot shows a webpage with an orange background and the title 'Sales Record'. Below the title is a table with the following data:

Model Number	Model Name	2017	2018
9224	Honda Amaze	98	89

<p>Ans</p>	<p>a. Top align, b. c. science d. Orderered and unordered lists e. </p> <p style="text-align: center;">OR</p> <pre> <html> <head> <title>car sale</title> <body bgcolor="#ff8000"> <center><h1>sales record</h1></center> <center><table bgcolor="#ffbf00" border=1 height="50%" width="50%"> <tr> <td align="center">Model Number</td> <td align="center">Model Name</td> <td align="center">2017</td> <td align="center">2018</td> </tr> <tr> <td align="center">9224</td> <td align="center">Honda Amaze</td> <td align="center">98</td> <td align="center">89</td> </tr> </table></head></body> </html> </pre>	
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