ROLL NUMBER [ ][ ][ ][ ]

SET   A

INDIAN SCHOOL MUSCAT
FINAL EXAMINATION 2022
COMPUTER APPLICATIONS (165)

CLASS : X
DATE: 24/11/2022

TIME ALLOTED   : 2 HRS.
MAXIMUM MARKS: 50

GENERAL INSTRUCTIONS:

1. This Question Paper has 5 Sections A-E.
2. Section A has 12 questions carrying 01 mark each.
3. Section B has 7 Very Short Answer (VSA) type questions carrying 02 marks each.
4. Section C has 4 Short Answer (SA) type questions carrying 03 marks each.
5. Section D has 1 Long Answer (LA) type question carrying 04 marks.
6. Section E has 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

SECTION – A (All questions are compulsory)

1. Which protocol is used to receive an E-Mail over a network?

   a. SMTP   b. POP3   c. FTP   d. HTTP   1

2. The HTML tag used to make the text bold is ____:

   a. <BOLD>   b. <BLD>   c. <B>   d. <BD>   1

3. What type of CSS is the following code snippet?

   <p style="color: red;"> HTML is Hyper Text Markup Language </p>   1

   a. Inline   b. Outline   c. External   d. Internal

4. Which tag is used to provide a horizontal line _____ in html document?

   a. <P>   b.
          c. <LINE>   d. <HR>   1

5. Collection of hyper linked documents available on the internet is known as_____.   1

   a. Website   b. Webpage   c. Search Engine   d. URL

6. The attribute of the <IMG> tag used to specify an alternate text of an image is ____: 1

   a. alt   b. src   c. img   d. name

7. _____refers to the uneven distribution of Information & Communication Technologies in society. 1

   a. Cyber Ethics b. Digital divide   c. Plagiarism   d. Cyber Law

8. Which of the following is a type of fraud? 1

   a. Refund fraud   b. Merchant fraud   c. Friendly fraud   d. All of these

9. Which of the following is not an Intellectual Property Rights? 1

   a. Copyright   b. Trademarks   c. Patents   d. Domain Name

10. _____ is the process of translating the original information into an unrecognizable form. 1

   a. Encryption   b. Decryption   c. Transferring   d. Conversion

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): The internet is a collection of interconnected computer networks, linked by 1
transmission medium such as copper wire, fibre optic cables, wireless communications etc.

    Reason (R): World wide Web is a collection of interconnected documents.

    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.

12. Assertion (A): Internet Explorer & Firefox are Graphical Web Browsers. 1

    Reason (R): Internet Explorer & Firefox support both text & graphic information

    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.

Section –B (2 marks each)

13. Define software license? What are the two types of software licenses? 2

OR

Write any 2 advantages Intellectual Property Rights.

14. Write the full form of
    a. ARPANET   b. WWW   2

15. Define Newsgroup? Write any two examples of Newsgroups.   2

    OR

    Write any one advantage and one disadvantage of Newsgroup.

16. Define CSS. What are the three types of CSS?   2

17. Write the difference between <dt> and <dd> tags.   2

    OR

    Name the various tags used in <table> tag?

18. What is a Hypertext link? Write the syntax for creating a Hypertext Link.   2

19. Write HTML code to embed an audio file music.mp3   2

Section –C (3 marks each)

20. Define E-commerce. What are the different types of E-commerce?   3

21. Consider the URL: https://www.ismoman.com and answer the following questions: 3

    a. Expand the term URL

    b. What are the three parts of URL?

    c. What is the significance of "s" in https?

    OR

    Define E-mail. What are the three parts of E-mail. Write one example of E-mail.

22. Define SSL and SET?   3

23. Define ISP? Write two examples of ISP.   3

Section –D (4 marks)

24. Write the HTML code to design the web page as shown below, considering the specifications that   4
    follow. You can write the code for any 4 specifications out of the given 5 specifications.

Discover Books You'll Love

BOOK TYPE	NO. OF COPY
COMIC BOOKS	400
STORY BOOKS	600

CLICK FOR MORE INFORMATION

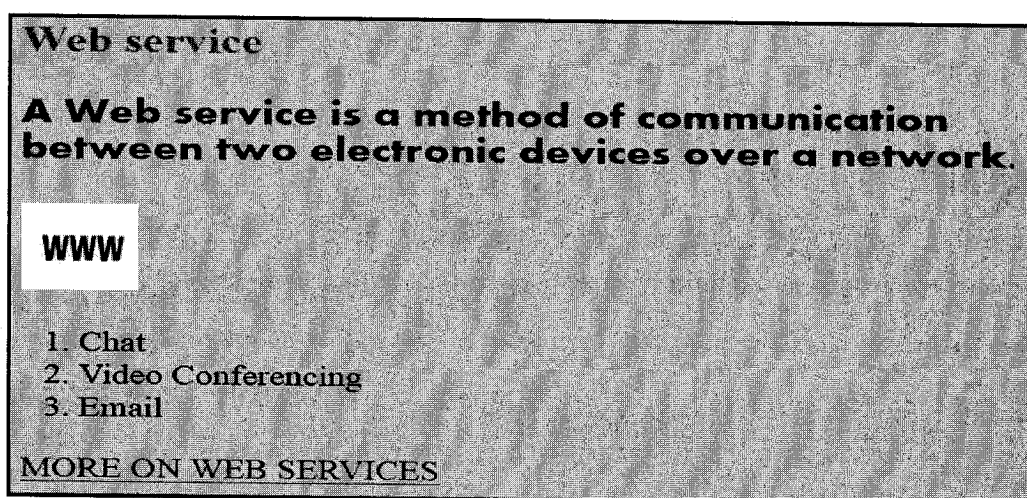**Specification-1 :** The HTML code structure should be proper. Background color of the page should be PINK.

Specification-2 : Heading "Discover Books You'll Love" should be the second level of heading and center aligned.

Specification-3 : The value of the table border attribute should be 3. Table headertag should be used wherever required.

Specification-4 : The table should exactly contain 3 rows and 2 columns. The data in each cell should be as shown in the above table.

Specification-5 : CLICK FOR MORE INFORMATION should be the email link mail@me.com.

<div align="center">

OR

</div>

Specification-1: The HTML code structure should be proper. Heading 'Web service' should be the second level of heading and the Background color of the page should be pink.

Specification-2: Paragraph size should be 5.

Specification-3: JPG Image named "WWW" should be placed.

Specification-4: The page should consist of a list and the data as exactly given in the question.

Specification-5: "MORE ON WEB SERVICES" should be the link to the page MORE.HTML

<div align="center">

Section – E
Case Study -1 (4 marks)

</div>

25.
Juan is designing a webpage. Help him to complete the table with the right statements in the blanks. Observe the table and attempt any four questions (out of 5) given after the table).

SOME CHEMICAL FORMULAE

CO_2
H_2SO_4

SOME MATHEMATICAL FORMULAE

$(A-B)^2 = A^2 - 2AB + B^2$
$(A-B)(A+B) = A^2 - B^2$

```
<html>
<head><title>Subscript & Superscript</title></head>
<body>
<img _____="image.jpg">        <!-STATEMENT-1>
<b><u><H1>SOME CHEMICAL FORMULAE</b></u></H1>

CO _____ 2</sub><br>        <!-STATEMENT-2>
H<sub>2</sub>SO<sub>4</sub><br><br>
<b><u>

<h1 _____="center">SOME MATHEMATICAL FORMULAE</h1>   <!-STATEMENT-3>
</b></u>
<center>
(A-B)<sup>2_____=A<sup>2</sup>-2AB+B<sup>2</sup><br>    <!-STATEMENT-4>
(A-B)(A+B)=A<sup>2</sup>-B<sup>2</sup></center>
_____        <!- STATEMENT-5>

_____
```

a. Write the attribute value to complete Statement-1 to achieve the output given in the above webpage.

b. Write suitable tag for the blanks given in Statement-2.

c. Write the appropriate answer for the blank given in Statement-3

d. Write the appropriate answer for the blank given in Statement-4

e. What will be the complete sequence of closing the above html document in statement 5?

Case Study-2 (4 marks)

26. Hemanth recently celebrated his 16th birthday. He creates an account on Facebook and starts connecting with his friends. He accepts friend request from many people he knows and many people he does not know. After some time he starts getting negative comments on his posts. He also finds that his pictures are being shared online on objectionable websites.

    Based on the given information, answer the questions given below. Attempt any four questions

    a. Hemanth is a victim of cybercrime. Identify the type of cybercrime.

    b. After this incident, the school decides to publish a set of moral principles that determines the appropriate behavior of students while using the internet. The school is referring to _____

    c. Write a safety measure to be taken by Hemanth to avoid threats from unknown people in the future.

    d. Write common safety precautions Hemanth to be taken when online.

    e. The privacy settings are so important in social networking sites. Give reason?

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****END OF THE QUESTION PAPER****