Answers to this paper must be written on the paper provided separately. You will NOT be allowed to write during the first 15 minutes. This time is to be spent in reading the Question Paper. The time given at the head of this paper is the time allowed for writing the answers.

_____

The intended marks for questions are given in brackets[ ].
_____

Question 1

Fill in the blanks: [5]

(i) An email virus may enter the computer system through the _____.

(ii) The Anchor tag <a> is used to create a _____ , which a user can click to display the another webpage anchored to it.

(iii) The term Vishing is a combination of _____ and _____.

(iv) _____ and _____ are the two types of databases.

(v) _____ and _____ are the two panes available in Design view.

(vi) _____ and _____ are the two attributes of <ol> tag.

Question 2

Name the following: [5]

(i) Midhun recieved a huge number of spam mails within a short period of time and the mail inbox went out of storage space. What is this act termed as?

(ii) A small text file stored on your computer's browser directory that collects the information of your online activity and reports back to the host.

(iii) An alternate name for digital footprint.

(iv) An illegal intrusion into a computer system or network.

(v) A type of malware that gains entry into a system and monitors the user without his knowledge.

(vi) A virus that infects the boot record or master boot record.

(vii) Sofia purchased a single licenced copy of a gaming software and installed it to five of her friends' computer contrary to the licence's terms and conditions. Which unethical practice is Sofia involved in ?

(viii) The tag used for creating rows in an html table.

(ix) Write one example for an empty tag.

(x) A term referring to the legal property rights of a person over his/her creations of mind, both artistic and commercial.

Question 3

Define the following: [5]

      (i) Cyberbullying   (ii) Database   (iii) Worms
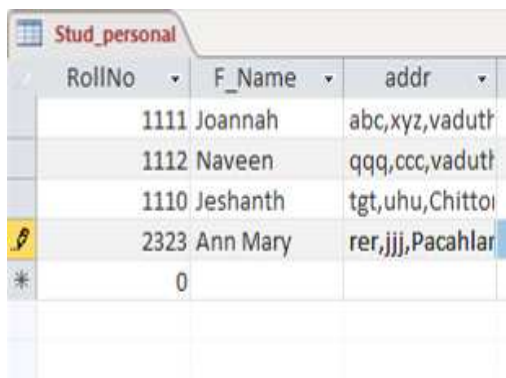
      (iv) Spamming   (v) Primary Key

Question 4

Answer the following:

(i) Kevin's computer is showing some unexpected pop-ups. Also the computer is running out of storage. [1]

    (a) What could be the reason of such unusual behaviour?

    (b) Suggest a software Kevin should install in his computer to solve this issue.

(ii) What is the importance of regularly updating the antivirus software ? [1]

(iii) Rewa has created the following HTML file, but accidentally she deleted image.jpg file. What will be the output? [1]

<html> <head> <title>My Image</title> </head>

<body>

<img src="image.jpg" alt="Description of the image">

</body>

</html>

(iv) Jeffin is trying to create a table using html code. Describe the five important tags that he needs to learn for creating tables ? [2½]

(v) What are the measures to protect the intellectual property rights? [1½]

(vi) Observe the following figure and answer the questions that follows. [5]

Stud_personal		
RollNo	F_Name	addr
1111	Joannah	abc,xyz,vaduth
1112	Naveen	qqq,ccc,vaduth
1110	Jeshanth	tgt,uhu,Chittoi
2323	Ann Mary	rer,jjj,Pacahlar
0		

    (a) Theresa wants to enter some data to the MS Access table given above. Which type of view should she use?

    (b) If Theresa need to insert a new field which holds fees to be paid in rupees, which view should she use? Which datatype is the most suitable for this field?

    (c) Identify the number of fields in the above Database table.

    (d) Suggest the suitable datatypes for each field in the above table.

(vii) Explain the main components of an antivirus software. [2]

(viii) The reference given below was found in the last page of a science text book. Based on it answer the questions that follows.

"Reference: Southeast Asia. (2003). In The new encyclopaedia Britannica: Macropedia (15th ed., Volume 27, pages: 711–794). Encyclopaedia Britannica."

(a) What is the above reference termed as? **[½]**

(b) Briefly explain the unethical practice that can be solved by using such references? **[1½]**

(ix) Write an html code to design the following webpage. **[3]**

(x) Read the given html code and answer the following questions.

```
<html>
<head>
<title>Inserting Image
</head>
<body>
<b>Inserting image on the web page</b>
<img ="lily.jpg" alt="Picture of flower">
</body>
</html>
```

(a) When the above code is executed, the output is not correct. Identify the mistake and rewrite the code(underline the corrections made). **[2]**

(b) Explain the use of "alt" attribute while using images in web pages. **[1]**

(xi) Ryan is creating a project on the topic 'Advantages and Disadvantages of internet'. Help him by explaining any one advantage and disadvantage of internet. **[3]**

✼✼✼✼✼✼