

Greenlawns High School

Computer Science

Std: 7 A, B, C

Terminal Examination

Marks: 60

Please note : • All answer to be written in the answer booklet.

• Attempt all questions and be neat.

Q1). A. Choose the correct option from the following: [10m]

1. Name the type of virus that comes embedded in a Microsoft Word document.
 - a) Macro virus
 - b) Boot sector virus
 - c) Multipartite virus
 - d) Worms virus
2. Important files should be backed up because:
 - a) It makes the monitor brighter
 - b) Viruses can cause data loss
 - c) It increases keyboard speed
 - d) It removes the need for antivirus
3. The two digits used in the binary system are:
 - a) 1 and 2
 - b) 0 and 1
 - c) 0 and 9
 - d) 1 and 10
4. In <ol type="A">, the list items are displayed using
 - a) Numbers
 - b) Lowercase letters
 - c) Uppercase letters
 - d) Roman numerals
5. Name the software that is used to scan and remove viruses.
 - a) Antivirus
 - b) Eraser
 - c) Delete
 - d) Scan
6. The _____ stands for modulator –demodulator.

- a) PCI
- b) SMPS
- c) MODEM
- d) Sound card

7. The modern computer are designed on a single integrated circuit chip called _____

- a) Vacuum
- b) Transistors
- c) drive
- d) microprocessor

8. The Unordered list is also called as _____ list .

- a) Type
- b) Start
- c) Bulleted
- d) creating

9. What is the binary equivalent of decimal 5?

- a) 101
- b) 110
- c) 111
- d) 100

10. Which among the following storage devices have become completely obsolete?

- a) DVD
- b) Pen Drive
- c) Hard Disk
- d). Floppy

B. State whether the following statement are True or False.

[5m]

1. It is safe to use open wifi.
2. Speaker are used to record sound into the computer system.
3. The decimal number 3 is represented in binary as 11 .
4. A definition list always begin with .
5. A computer virus might damage your boot sector creating problem when you boot into the window.

C. Case study type questions :

[3m]

Rahul learns that the CPU controls and processes most of the operation performed by a computer. It has important parts such as the ALU and Control Unit.

- i). What does CPU stand for?
- ii). Why is the CPU called the brain of the computer?
- iii). What is the function of the ALU?

D. Write the full form of the following.

[2m]

- (i). FDD
- (ii). ODD

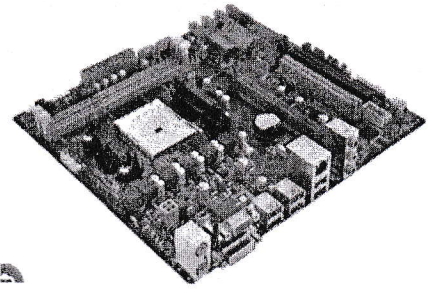
Q2). A. Application based question:

[5m]

1. Arjun wants to copy files using a pen drive that belongs to someone else. What precaution should he take?
2. An office needs to store a large number of files, photos, and videos for a long time. Which hardware device should it use?
3. A calculator displays the number 25 on its screen. Which number system do people normally use to read this number?
4. Rohan notices that several executable files are infected, and the computer's boot area is also affected. What type of virus is likely present?
5. A student wants to save a presentation and carry it to another computer. Which small storage device can be used?

B. Observe the picture and answer the following. (2m)

- i). Identify the picture given?
- ii). Write one function of the following?



c. Complete the following HTML code to create a definition list containing two animals and their descriptions. (3 Marks)

```
<html>
<head>
<title>different types of animal</title>
</head>
</body>
<____>
<dt>Dog</dt>
<____>A domestic animal.</____>

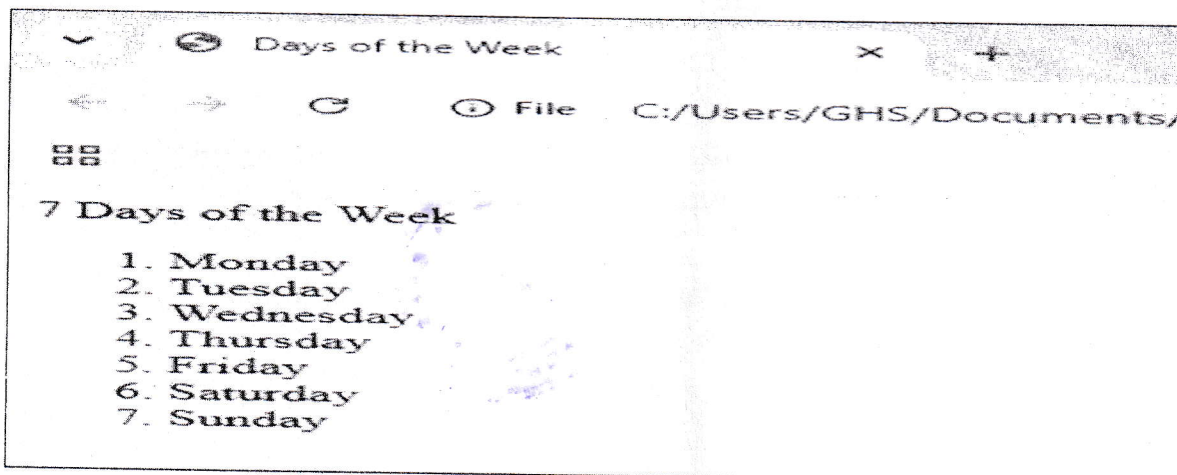
<dt>Cat</dt>
<____>A small pet animal.</____>

</____>
</body>
</html>
```

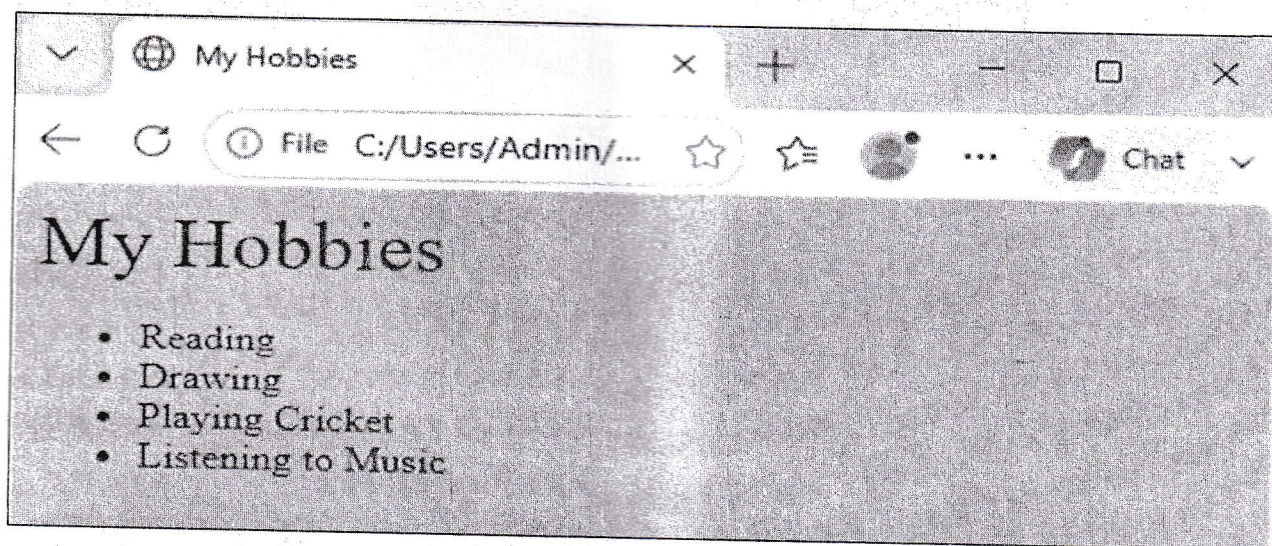
Q3). A. Write the HTML code to create these web pages :

[12m]

1.



2.



B. Answer the following in short.

[8m]

1. Name any 2 components of the motherboard? (1m)
2. Difference between Virus and Worms (any 1 point)? (2m)
3. Name any 2 characteristics of Binary number? (2m)
4. Name and explain any 3 types of scanners? (3m)

C. Convert the following.

[10m]

1. $(37)_{10} = (\text{_____})_2$ (2m)
2. $(126)_{10} = (\text{_____})^2$ (2m)
3. $(1011011)_2 = (\text{_____})_{10}$ (2m)
4. $(10101)_2 = (\text{_____})_{10}$ (2m)
5. $(167)_{10} = (\text{_____})_2$ (2m)

----- **ALL THE BEST** -----