

GREENLAWNS HIGH SCHOOL  
Terminal Examination 2019-2020

Std.: 7 A/B/C  
Sub.: Computer Science

Marks: 80  
Time : 1½hrs.

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SECTION A  
(SECTION A TO BE SOLVED ON QUESTION PAPER AND  
ATTACH IT TO THE MAIN SUPPLEMENT)

Q.1) FILL IN THE BLANKS : (ONLY ANSWERS) [10]

1. The keyboards commonly used by us are called \_\_\_\_\_ keyboards and have \_\_\_\_\_ keys.
2. The \_\_\_\_\_ is present at the left of the formula bar.
3. When we type some letters of words using the keyboard, each character is converted into a number called \_\_\_\_\_ and then into machine language.
4. A motherboard is the main \_\_\_\_\_ found in microcomputers.
5. The \_\_\_\_\_ has a number of tabs, each tab being divided into a number of \_\_\_\_\_.
6. Press \_\_\_\_\_ to select entire worksheet.
7. The \_\_\_\_\_ was invented by George E Gerpheide in 1988.
8. The external hardware of a computer are also known as \_\_\_\_\_.
9. The \_\_\_\_\_ tab lets you control the page margins orientation and size.
10. Antivirus software runs in the background of your computer. This is generally known as \_\_\_\_\_.

Q.2) State whether True or False. If False, correct the underlined word. [8]

1. A Scanner is a light sensitive computer input device that is used to select text, draw pictures and interact with user interface elements on a computer screen or monitor.  
\_\_\_\_\_
2. To get current time in a cell press Ctrl + Shift + : ?  
\_\_\_\_\_
3. A positional number system is one which has a few symbols called digits.  
\_\_\_\_\_
4. Virus affects only the hardware.  
\_\_\_\_\_
5. The title bar is located at the top of the window.  
\_\_\_\_\_
6. The bar code reader takes sound or speech as input and converts them into digital form which can be stored in the computer memory.  
\_\_\_\_\_
7. Do not put the device on damp areas as moisture may cause corrosion.  
\_\_\_\_\_
8. The Creeper, the first virus removal program, was the one who caught the Reaper.  
\_\_\_\_\_

Q.3) Name the following

[6]

1. Two different type of computer mice

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2. Two types of monitors (full forms)

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3. Two examples of Program Virus

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4. Two examples of Macro Virus

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5. Shortcut key to enter line break in MS Excel

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6. Two examples of Boot sector virus

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Q.4) Identify MSB/MSD and LSB/LSD from the following numbers

[3]

1.  $111.01_2$

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2.  $58.84_{10}$

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3.  $8931.76_{10}$

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Q.5) Find the odd one out and give reasons to support your answer

[3]

1. Light Pen, Mouse, Monitor

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2. Scanner, Printer, Speaker

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3. Motherboard, SMPS, BD

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## SECTION B

### NOTE : ALL THE ANSWERS ON THE ANSWER SHEETS

1. Define : [11]
  - a) Virus
  - b) Arithmetic logic unit
  - c) Word
  - d) Adware
  - e) Insert tab
  - f) Most Significant Bit and Least Significant Bit
  - g) Malware
  - h) Firewall
  - i) Worms
  - j) Ports
  - k) Spyware
  
2. Differentiate (1 POINT EACH) [14]
  - a) Touchscreen and Touchpad
  - b) Hackers and Crackers
  - c) 3D ergonomic keyboard and Virtual laser keyboard
  - d) Rows and Columns
  - e) Random access memory and read only memory
  - f) Workbook and Worksheet
  - g) Hardware and Software
  
3. Write short note on  
  - a) External hard disk [2]
  - b) Boot-sector Virus [2]
  - c) Three worksheet views [3]
  - d) Binary number system [2]
  - e) Modulator/Demodulator [2]
  - f) Cell pointer and cell address [2]
  - g) To protect your system from viruses (4 points) [2]

h) Pen drive

[2]

4. Conversions :

a) Convert the following Binary Numbers to Decimal Numbers :

[4]

i.  $11110.101_2$

ii.  $10101.01_2$

b) Convert the following Decimal Numbers to Binary Numbers :

[4]

i.  $63.5_{10}$

ii.  $12.75_{10}$

\*\*\*\*\*ALL THE BEST\*\*\*\*\*