PROVINCIAL DEPARTMENT OF EDUCATION - NORTH WESTERN PROVINCE
SECOND TERM TEST 2019
INFORMATION AND COMMUNICATION TECHNOLOGY

**Grade 07**   **1 ½ hours**

Name / Index No. :

● **Answer all questions.**

PART - A

● **Underline the correct answer.**

01. .... is used to create an empty space between two words. Eg: "Thank You".

    (1) Enter   (2) Space   (3) Tab   (4) Ctrl

02. .... technology was used by First Generation,

    (1) Integrated circuit   (2) Vacuum tube   (3) Transistor   (4) Microprocessor

03. The device used to write letters on a screen.

    (1) Mouse   (2) Printer   (3) Keyboard   (4) Scanner

04. In Programming, ... Are used to store a value in memory temporarily.

    (1) Control structure   (2) Flow charts   (3) Variables   (4) Algorithms

05. Which is not a operating system?

    (1) MS DOS   (2) Microsoft Office

    (3) Microsoft Windows   (4) MAC OS

06. Algorithm that operate again and is called ....

    (1) sequence   (2) selection   (3) repetition   (4) choice

07. The act of typing quickly and accurately without looking at the keys is called .... typing.

    (1) touch   (2) speed   (3) easy   (4) flexible

08. When .... is enabled, you can use the numbers on the keypad.

    (1) Num Lock   (2) Scroll Lock   (3) Caps Lock   (4) esc

09. Examples for Presentation Software,

    (1) Open Office impress   (2) MS Word

    (3) Paint   (4) Photoshop

10. When the .... key is pressed once capital letter's are typed.

    (1) [Num Lock]   (2) [Caps Lock]   (3) [Alt]   (4) [Ctrl]
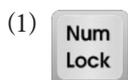
                                                          (2 x 10 = 20)

- **If the following sentences are true then put ``✓'' mark or false then put "X" mark in given space.**

11. The Enter key is used to send the cursor to the next line.   (........)

12. The easiest way to delete files and folders is to locate the item you want to delete, highlight it by clicking on the file or folder once, and then press the **Ctrl** key on the keyboard.   (........)

13. Fourth generation is smaller size when compared with the third generation.   (........)

14. If remove the shoes when entering the computer lab. We can put the computer lab with clean environment.   (........)

15. Microsoft Power Point is a word processing software published by Microsoft.   (........)

(2 x 5 = 10)

- **Select the suitable answer for "A" from the "B" section.**

"A"	"B"
16. This OS used in smart mobile phones.	ALU
17. Files created should be ………… to reuse them later.	CCTV
18. Errors in a programme are called …………..	Android
19. CCTV camera is using to protect computers from theft.	bugs
20. Mathematical and logical functions are performed in the ……..	Save

(2 x 5 = 10)

PART - B

- **Answer All Questions.**

(01) Consider the following storage devices and Correctly insert the above devices into following table.

Hard disk   CD
External hard disk   Memory card
DVD   Pen drive

Magnetic media devices	Optical media devices	Solid state media devices

(2 x 6 = 12)

(02) Write the answers when type the following keys on keyboard.

a. ⇧Shift + A   =...............

b. A + ⇧Shift + B   =...............

c. C + Caps Lock + A + B   =...............

d. ⇧Shift + C + ⇧Shift + A + T   =...............   (3 x 4 = 12)

(03) (i) The situations represented by A,B,C,D from the following flow chart. Select from the brackets and write in the space. (start, input, select, end)

A..........................

B....................

C...

OutPut

OutPut

D..........................
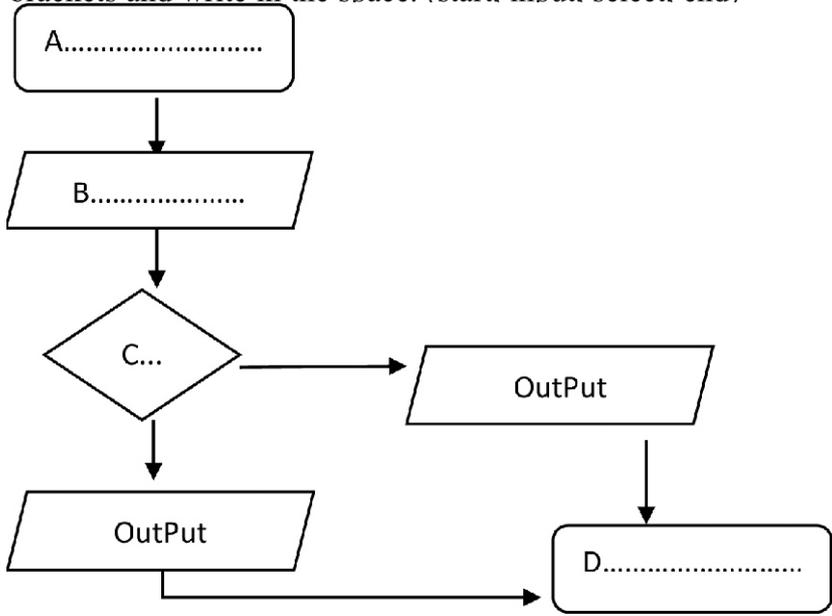
(1.5 x 4 = 6 marks)

(ii) Draw flow chart for Finding the area and perimeter of a rectangle.

(06 marks)

(04) (i) Write two tasks performed by the operating system. (0 2 marks)

(1) ....

(2) ....

(ii) What is the three main parts of CPU. (0 6 marks)

(1) ....

(2) ....

Explain one of them, (04 marks)

....

....

....

....

....

(05) (i) Give 3 steps that can be taken to protect the computer from physical harm.

(1) ....

(2) ....

(3) ....

(2 x 3 = 06 marks)

(ii) Write down three good habits you should have in your computer lab.

(1) ....

(2) ....

(3) ....

(2 x 3 = 06 marks)

Marking Scheme / PART - A

1 -(2)	2 -(2)	3 -(3)	4 -(3)	5 -(2)	6 -(3)	7 -(1)	8 -(1)	9 -(1)	10 -(2)

11. ✓	14. ✓		16. Android	19. CCTV
12. X	15. X		17. Save	20. ALU
13. ✓		(2 x 5 = 10)	18. bugs	(2 x 5 = 10)

PART - B

(01)

Magnetic media devices	Optical media devices	Solid state media devices
Hard disk	CD	Pen drive
External hard disk	DVD	Memory card

(2 x 6 = 12)

(02) a. A   b. aB   c. cAB   d. Cat   (1.5 x 4 = 6 marks)

(03) (i) A. Start   B. Input   C. Decision   D. End   (0 6 mark
      (ii)

Or Perimeter = (width + width + length + length)

(06 marks)
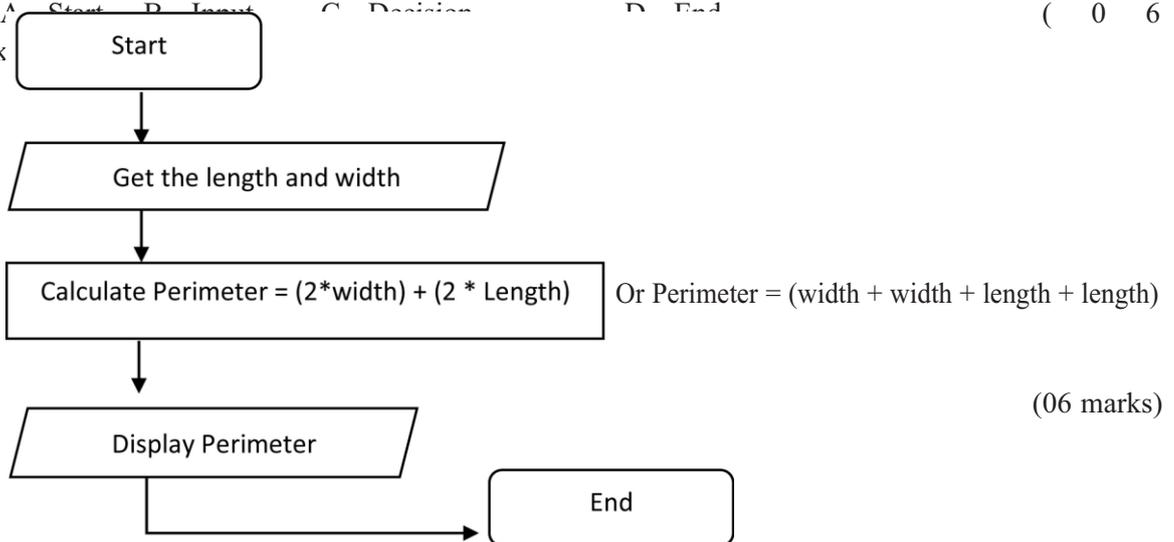
(04) (i) Provides a user interface to work easily with the computer, controls the functions of the Central Processing Unit (CPU), Manages the computer memory efficiently, Control the activities relate to storage devices, performs the tasks related to processing and folders correctly, helps to protect the computer through usernames and passwords, manages the hardware etc…… two of them.   (02 marks)

(ii) Arithmetic & Logical Unit
      Control Unit
      Memory registers   (0 6 marks)

      Arithmetic & Logical Unit : Mathematical and logical functions are performed in the Arithmetic and Logical Unit. The functions of this unit can be further divided into two main sub-functions. Mathematical calculations and Logical Functions.

OR

Control Unit : The Control Unit communicates between manipulates and controls the hardware connected to the computer. It also performs tasks such as controlling input and output data, ensuring that data is sent to right place at the right time and being alert whether relevant signals are successfully received.

OR

Memory registers : It temporarily stores data and instructions that are being used by the Central Processing Unit. The storage capacity of the memory registers is very low when compared with other memory devices like hard disk. However its data access speed is very high.   (0 4 marks)

(05) (i) Let's remove the shoes when entering the computer lab, Let's avoid taking food and drink inside the lab, Let's prevent insects and rats from entering the lab, Let's keep the lab clean and tidy, Let's keep the lab without moisture (wetness), Let's make use of air conditioners whenever possible, etc ……. 3 of them.   (2 x 3 = 06 marks)

(ii) We must use computers without disturbing others, we must avoid hacking computer activities of others, Software which should be used by paying money should not be fakely used or copied, we must refrain from accessing computer files and articles of others without Permission, we must not access the internet without the supervision of teachers, we should not uninstall/change/ delete any programs without the permission of the teacher, we must not repair any computer devices without proper instructions, etc……. 3 of them.   (2 x 3 = 06 marks)