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Western Provincial Department of Education - NWP
வடமேல் மாகாணக் கல்வித் திணைக்களம்
Provincial Department of Education - NWP

Grade 09

Third Term Test 2024

80 E I,II

Name Information and Communication Technology Time : 01/30 hours

Part A

- Answer the all questions.
- Underline the answers to the questions numbered 1 to 10

1. Not a computer hardware

1. Operating system 2. Display 3. Hard disk 4. Mouse

2. Not a function used in a spreadsheet

1. =SUM 2. =AVERAGE 3. =TOTAL 4. =MIN

3. The unit in which processor speed is measured

1. Giga bite 2. Hertz 3. Second 4. Bits

4. The device that performs both input and output data

1. Monitor 2. Touch Screen 3. Web Camera 4. Multimedia Projector

5. Not an integral part of microcontroller

1. Memory 2. System Clock 3. Peripherals 4. Sensors

6. A powerful international company in modern computer software manufacturing is,

- (1) NOKIA Company (2) Microsoft Company
(3) Google Company (4) Yahoo Company

7. Files deleted by us are temporarily stored.

- (1) In Recycle Bin (2) In My computer
(3) In Folder Option (4) In Task bar

8. The main storage device of a computer can be called,

- (1) UPS (2) Processor (3) Hard disk (4) ROM

9. A major advantage of a computer network is,

- (1) Low security of information (2) Destruction of data information
(3) Faster data transfer (4) Spread of viruses

10. When drawing flow charts, The symbol  indicates,

- (1) Input only (2) Process only
(3) Input and output (4) Output only

(2 * 10 = 20 marks)

• **Fill in the blanks**

(Hard Disk Capacity/Main Memory/Processor/Processor Speed/Ports)

- I. The brain of the computer is called _____.
- II. Connecting peripheral to a computer is done through _____.
- III. When considering computer specifications, _____ can be identified as a technical specification.
- IV. When the computer is running, data and instructions are temporarily stored in _____.
- V. One characteristic on which the performance of a computer depends is _____.

(2 * 5 = 10 Marks)

• **Give short answers to the following questions.**

- I. What port is used to connect most devices to computers today ?

- II. Write 03 non - technical specifications to consider while buying a computer

- III. What are the 3 methods of the 3R concept?

- IV. What are the three control structures of a flowchart?

(2 * 10 = 20 Marks)

• **Write whether the following statements are true or false in front of them**

- I. Not all ewaste can be recycled. _____
- II. Twisted pair cables are not used in computer networking. _____
- III. The system clock is the content of a microcontroller. _____
- IV. Designing and developing websites is the job of a web developer. _____
- V. Linux is an operating system. _____

(2 * 5 = 10 Marks)

- Below are the Liters of petrol used by 5 people in a week. Write answers to the questions asked in that associations.

	A	B	C	D	E	F	G	H
1	Name	Monday	Tuesday	Wednesday	Thursday	Friday		
2	Akash	03	04	03	06	03		
3	Imeth	01	01	00	02	01		
4	Sinura	00	10	11	10	15		
5	Hirun	10	12	15	11	17		
6	Arindu	08	05	07	10	12		
7								

- Write the function to get the amount of petrol used by Akash in the whole week in cell G2

- Write the function to get the average amount of petrol used by every on Tuesday in cell C7

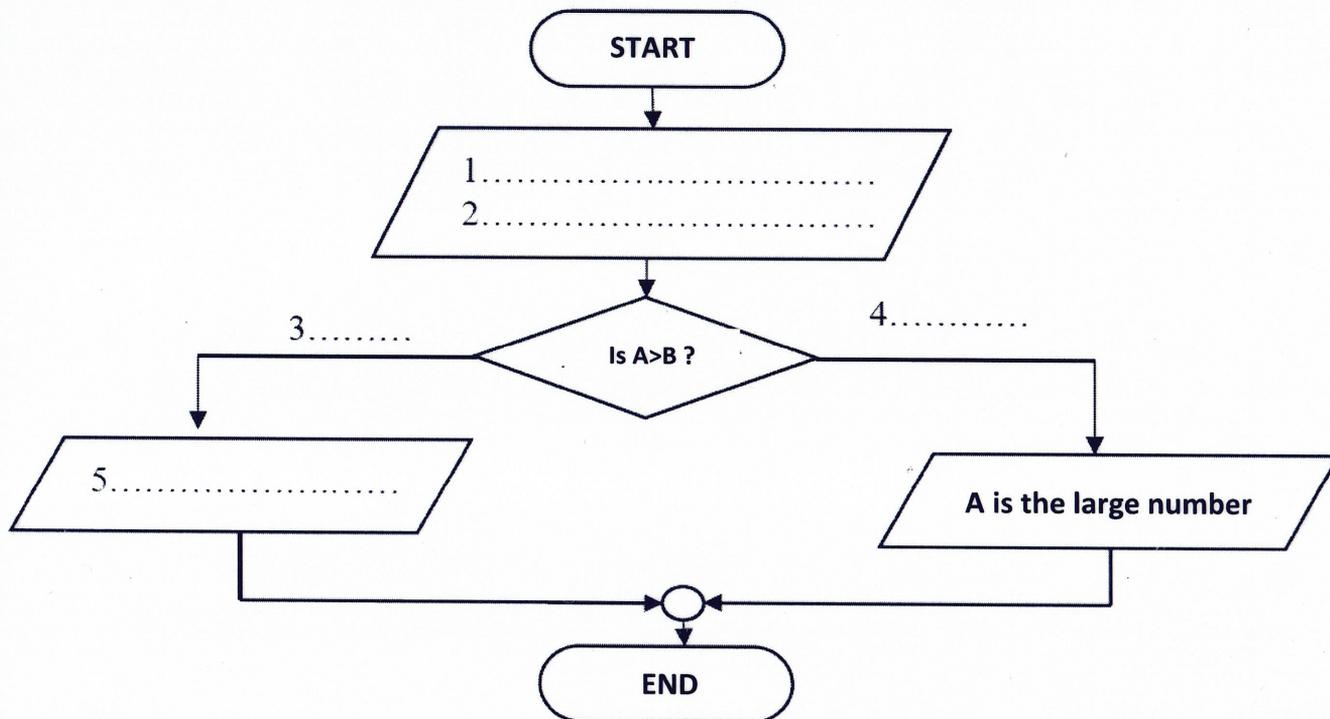
- Write the function to get the minimum amount of petrol used on Friday in cell F7

- Write the function to get the maximum amount of petrol used on Sunday in cell B7

- Write two suitable chart to show the amount of petrol used by all the people in 5 days.

(2 * 5 = 10 Marks)

- The flow chart given below is for finding the largest number between two numbers A and B. Fill in the blanks by choosing the appropriate words



(Input A , No , Input B , B is the large number, Yes)

(2 * 5 = 10 Marks)

• Write examples related to the following computer system components

I. Input devices

- A _____
- B _____
- C _____

II. Output devices

- D _____
- E _____
- F _____

III. Processing Device

- F _____

IV. Storage devices

- G _____
- H _____
- I _____

(2 * 10 = 20 Marks)

Third Term Test- 2024
Information and Communication Technology
Grade 9
Answer Sheet

- **Underline the answers to the questions numbered 1 to 10**

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

- Fill in the blanks.

- I. Processor
- II. Ports
- III. Hard disk capacity
- IV. Main Memory
- V. Processor Speed

- **Give short answers to the following questions.**

- I. USB
- II. Relevant answers
- III. Reduce, Reuse, Recycle
- IV. Sequence, Selection , Repetition

- Write whether the following statements are true or false in front of them

1 False 2 False 3 True 4 True 5 True

- **Below are the Liters of petrol used by 5 people in a week Write answers to the questions asked in that associations.**

- I. =Sum (B2: F2)
- II. =Average (C2 : C6)
- III. =Min (F2 : F6)
- IV. =Max (B2 : B6)
- V. Bar Charts, Column Charts

- The flowchart given below is for finding the larger number between two numbers A and B. Fill in the blanks by choosing the appropriate words

- 1 - Input A
- 2 - Input B
- 3 - No
- 4 - Yes
- 5 - B is the large number