

RUSIZI DISTRICT

G.S SAINT PIERRE NKOMBO

SUBJECT: COMPUTER SCIENCE

HOLYDAYPACKAGES TERM THREE 2025

CLASS: S4 MCE && MPC

Teacher: *Dushx. Jean Claude*

INSTRCTION: Attempt all questions (100marks)

Q1. Define the following terms: **/3Marks for each**

- i. Reserved word
- ii. Computer peripheral
- iii. Portable device
- iv. PDA
- v. Laptop computer

Q2. Operating system is further divided into other common categories, list it and explain them. **/5 marks**

Q2. Write algorithm and flow chart to print the greatest number among three numbers entered by user. **/ 15 Marks**

Q3. Compare and contrast laptop and desktop components (use table). **/ 15 Marks**

Q4. Write a C++ Program to Print the following Half-Pyramid **/10 marks**

```
*
* *
* * *
* * * *
* * * * *
```

Q5. Write a C++ Program to print the following Inverted Half-Pyramid Using Numbers **/10 marks**

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

Q6. Write C++ Program which print the following Inverted Full Pyramid /10 marks

```
* * * * *
 * * * * *
  * * * *
   * * *
    * *
     *
```

Q7. Write a C++ to check whether the string is palindrome or not /10 marks

Q8. Write a C++ program to display Fibonacci Series up to n number of terms /10 marks

I WISH YOU ALL THE BEST !!!