

**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 !!!***