LAWRENCE COLLEGE, MURREE
PREPARATORY SCHOOL

Assignment # 3
Class 5
Computer Science

Name: _____   Sec: _____   House: _____

Encircle the correct option

i)   Pascaline was developed in _____
a) 1616   b) 1621   c) 1641   d) 1645

ii)   First Fully automatic calculator was called _____
a) Abacus   b) Napier's bones   c) Mark I   d) none

iii)   _____ was used for creating mathematical tables.
a) Abacus   b) Analytical Engine   c) Difference Engine   d) Pascaline

iv)   _____ was the first mechanical calculator
a) Abacus   b) Vacuum tube   c) Pascaline   d) none

v)   _____ was used by the army in launching Bombs and missiles.
a) EDSAC   b) UNIVAC I   c) ENIAC   d) MARK1

vi)   Microprocessors are used in _____ generation
a) 1st   b) 2nd   c) 3rd   d) 4th

vii)   Third generation was between _____
a) 1930-40   b) 1940-58   c) 1959-64   d) 1964-70

viii) _____ was the first electronic computer that used stored programs.
a) MARK1   b) UNIVAC I   c) ENIAC   d) EDSAC

ix)   We are currently passing through _____ generation (s)
a) 3rd   b) 4th   c) 5th   d) Both b & c

x)   _____ was the first commercially available computer.

    a) MARK1   b) EDSAC   c) ENIAC   d) UNIVAC I

b) Identify the statements as True / False

i)   4th generation computers have the ability to think and make decisions   _____

ii)   A transistor has all the components of a CPU on a single chip   _____

iii)   The first mechanical calculator was invented by Charles Babbage   _____

iv)   UNIVAC I is an example of 2nd generation computers   _____

v)   Transistors are the main components used in 3rd generation computers   _____

Name the following

i)   Technology used in first generation   _____

ii)   First fully electronic digital computer   _____

iii)   The touchable components of a computer   _____

iv)   Technology used in third generation   _____

v)   Inventor of Difference engine   _____

Topics to be studied:

- Early calculating devices   Hardware & Software
- Input & output devices   Evolution of Computers
- Storage devices   Memory Units

Note: <u>Search for information in books, Encarta, or on the internet (take the help from an elder at home) for completing this work.</u>

LAWRENCE COLLEGE, MURREE
PREPARATORY SCHOOL

Assignment # 4
Class 5
Computer Science

Name: _____   Sec: _____   House: _____

Instructions:

- All students of Grade 5 will have to read Chapter 1 & 2 of their text books thoroughly to meet the needs of assignments given to them from these chapters.
- Home task must be noted and completed in notebooks and images of this task shall also be submitted to zubair.lcgg@gmail.com by email till **Sunday April 19, 2020** positively.
- Students are instructed to join Google Classroom using the following code:

qbumqho

Write a short note the following

i)   Basic definition of Computers (Explain through a Diagram)

Diagram

_____
_____
_____
_____

ii)   Napier's Bones

_____
_____
_____

iii)   Pascaline

_____
_____

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    iv)   Abacus

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    v)   Father of Computer

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    vi)   Difference Engine

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    vii)   Analytical Engine

Topics to be studied:

- Early calculating devices   Hardware & Software
- Input & output devices   Evolution of Computers
- Storage devices   Memory Units

Note: <u>Search for information in books, Encarta, or on the internet (take the help from an elder at home) for completing this work.</u>