

COLLEGE PRIVE BILINGUE MONTESQUIEU
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REPUBLIC OF CAMEROON
Peace – Work- Fatherland
ANNEE SCOLAIRE 2024/2025

YAOUNDE 4th sequence

STUDENT'S NAMES: _____ Date: _____

Class: **FORM 4**

SUBJECT: **COMPUTER SCIENCE COEF: 02**

Part 1: _____ Part 3: _____ TOTAL: -----/20

Part 2: _____ Part 4: _____

Competence to be tested: HARDWARE SYSTEM / NUMBER SYSTEM

SECTION A: MULTIPLE CHOICE QUESTIONS (10 MARKS)

INSTRUCTION: Answer All questions by Marking (x) on the correct letter.

- The different levels of computer storage and how fast they can be accessible by the processor is called _____
a) Processing unit b) hard disk c) memory hierarchy d) tertiary storage
- The memory that is closer to the CPU and the smallest is the _____
a) ROM. b) RAM c) register d) hard disk
- An example of a magnetic storage device is
a) Compact disk b) DVD c) blue ray disk d) floppy disk
- A portion of a disk which is one due to reflection when red is called
a) Pits b) Land c) off d) none of the above
- Before any data is written on a magnetic disk it must be
a) Scan b) formatted c) operated d) removable
- The Judgment of computing acts either they are good or bad is known as
a) Computer Rules b) computer crimes c) computer programs d) computer Ethics
- Using somebody computer without authorization is as bad as coping peoples files this process is called
a) Cracking b) scamming c) judging d) Hacking.

8. An illegal exploitation of a computer technology usually involving the internet is called
a) Compute ethics b) computer crimes c) computer technology d) computer virus
9. Human work very easily with numbers while computer work with _____
a) Figures b) numbers c) Binary d) characters
10. Numbers that are written in base 16 is called
a) Decimal number b) denary number c) binary number d) hexadecimal number.
11. Advertising and selling of goods over a network that it is not in real-life is ____
a) Cybercrime b) scamming c) cyber defamation d) harassment
12. Changing someone pictures or changing the face in a computer is a crime and this act is called
a) Cyber terrorism b) harassment c) cyberspace d) cyber defamation.
13. The method by which a person gains unauthorized access to a computer is _____
a) Hacking b) cracking c) spamming d) scamming
14. Another name for a decimal number system is the _____
a) Binary b) dinary c) octal d) hexa- decimal
15. To convert a binary to an octal we have to
a) Group it to 4 bits b) group to 2 bits c) group to 3 bits d) group to 8 bits.

SECTION B CALCULATION ON NUMBER BASES. Answer all the question (10mks)

1. What is the hexadecimal representation of the binary 111011010011_2

2. Change 1773 base 8 to a 10

3. Add the 0000_2

011_2

4. Multiply 1111_2

111

5. subtract the following $1011011 - 111010$