



SPECIAL COMPETITIVE ENTRANCE TO AICS-CAMEROON

SOFTWARE ENGINEERING

Session of 29th April 2023

Test of General knowledge

Time allowed: 30Min

Exercise 1 : Computer knowledge

1. Define computer; computer science, input device
2. What is the name of the main functional unit of the computer capable of processing?
3. What are the two sub-components (units) of this functional unit involved in information processing?
4. What is the name of the main computer memory?
5. In the computer the data circulates in communication channels called ... ?
6. What is the name of the computer's mass memory ?
7. The main memory of the computer is slower than the memories close to the functional unit of question 2, what are the names of these memories ?
8. What is the difference between application software and operating software?
9. What is the name of the main computer software whose role is to manage the software and hardware resources of the computer?
10. Complet the following sentence :
« The computer communicates with its environment through ... »

Exercise 2 : General information and knowledge of IT projects

1. What is a social network ?
2. Name two advantages and two disadvantages of social networks
3. Who created Facebook ?
4. Can you say in a few words the objective of operation MIJEF 2035
5. What is the name of the national sponsor of operation MIJEF 2035?
6. In Cameroon, what was the name of the project that preceded that of MIJEF 2035, the objective of which was to train women in masse in the use of computers?
7. Tking of the internet, what does HTML mean??

Exercise 3 : MCQ

1. What is the most common computer language used to write web pages?
☒ a) HTML
☐ b) http
☐ c) JAVA
2. What is 1 byte equal to?
☐ a) 4 bits
☒ b) 8 bits
☐ c) 16 bits
3. In what unit is the frequency of a microprocessor measured?
☐ a) In Go
☒ b) In GHz
☐ c) In MIPS
4. What is the name of the computer screen ?
☐ a) The Central Unit
☐ b) The CPU
☒ c) The monitor