

## *Programmation informatique*

### **Summary of the contest:**

Creation of an application program with using programming languages and databases to operate given task assignments

### **Running of the contest:**

Duration of the contest will be maximum 6 hours.

Contestation is essentially based on theory.

Candidates will use computer system, programming languages (Visual C, Visual Basic...) and the data base.

Design program to make execution possible following the given instructions.

To respect the required conditions, candidates must capture input and output screen and back up the data.

### **Main skills required:**

Be able to:

- ✓ Master and use programming languages
- ✓ Analyse guidelines
- ✓ Define the different steps of the program operation
- ✓ Write down the programm and its application
- ✓ Test, modify , improve and/or then validate

### **Rating criteria:**

- ✓ Quality of computer coding and respect of the guidelines
- ✓ Programming achievement
- ✓ Functionality, efficiency and creativity
- ✓ User experience of the programm
- ✓ Quality of the Overall Conception (composition and alignment)