COMPUTER SCIENCE

Paper — 2

(PRACTICAL)

(Maximum Marks: 30)

(Time allowed: Three hours)

(Candidates are allowed additional 15 minutes for only reading the paper.
They must NOT start writing during this time.)

The total time to be spent on the Planning Session and the Examination Session is three hours.

Planning session: 90 minutes

Examination session: 90 minutes

Note: Candidates are to be permitted to proceed to the Examination Session only after 90 minutes of the Planning session are over.

This paper consists of three problems from which candidates are required to attempt any one problem.

Candidates are expected to do the following:

1. Write an algorithm for the selected problem. (Algorithm should be expressed clearly using any standard scheme such as pseudo code or in steps which are simple enough to be obviously computable.) **[3]**
2. Write a program in **JAVA** language. The program should follow the algorithm and should be logically and syntactically correct. **[5]**
3. Document the program using mnemonic names / comments, identifying and clearly describing the choice of data types and meaning of variables. **[2]**
4. Code / Type the program on the computer and get a printout (hard copy). Typically, this should be a program that compiles and runs correctly. **[2]**
5. Test run the program on the computer using the given sample data and get a printout of the output in the format specified in the problem. **[5]**
6. Viva-Voce on the **Selected Problem**. **[3]**

In addition to the above, the practical file of the candidate containing the practical work related to programming assignments done during the year is to be evaluated as follows:

- Programming assignments done throughout the year (by the teacher) **[5]**
- Programming assignments done throughout the year (by the Visiting Examiner) **[5]**

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Isc Computer Science Practical Paper 20solved

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