

COMPUTER APPLICATIONS

(Theory)

Two Hours

Answers to this Paper must be written on the paper provided separately.

You will **not** be allowed to write during the first **15** minutes.

This time is to be spent in reading the Question Paper.

The time given at the head of the Paper is the time allowed for writing the answers.

This paper is divided into two Sections.

Attempt **all** questions from **Section A** and **any four** questions from **Section B**.

The intended marks for questions or parts of questions are given in bracket []

SECTION – A (40 Marks)

Question 1.

- (a) Define the term Byte Code. [2]
- (b) What do you understand by type conversion? [2]
- (c) Name two jump statements and their use. [2]
- (d) What is Exception ? Name two Exception Handling Blocks. [2]
- (e) Write two advantages of using functions in a program. [2]

Question 2.

- (a) State the purpose and return data type of the following String functions: [2]

- (i) indexOf ().
- (ii) CompareTo ()

- (b) What is the result stored in x, after evaluating the following expression [2]

```
int x = 5;  
x = x++ * 2 + 3 * -x;
```

- (c) Differentiate between static and non-static data members. [2]
- (d) Write the difference between length and length () functions. [2]
- (e) Differentiate between private and protected visibility modifiers. [2]

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