

Roll No. ....

Exam Code : J-19

Subject Code—0101

**PGDCA/M.Sc.(CS)/MCA EXAMINATION**

(Batch 2009 Onwards)

(First Semester)

INTRODUCTION TO IT

MS-01

(MCA 3 Years)

*Time : 3 Hours*

*Maximum Marks : 70*

**Section A**

**Note :** Attempt any *Seven* questions. **7×5=35**

1. What is the difference between information and data ? How information is processed in a computer system ?
2. Explain storage devices of modern computer system.

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**P.T.O.**

3. What are data communication equipments of a computer ?
4. Explain any *two* fourth generation computer language.
5. Define network protocol. Also explain internet protocol.
6. How operating system manages hardware devices and memory of a computer ?
7. What is computer network ? What are various topologies to connect computers in a network ?
8. What is Mosaic and Gopher ?
9. Write short note on computer security.
10. What are objects and classes ? How objects are created in java ?

### Section B

**Note :** Attempt all the questions.

11. How computer is useful in business, planning and multilingual applications ? **11**

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*Or*

How you will secure information in computers ? Explain preventive measures and treatment.

12. Write notes on the following :

- (a) Projection and Parallelism
- (b) Netware
- (c) UNIX.

*Or*

Explain TCP/IP protocol suit for computer communication.

13. Explain the following : **12**

- (a) Operator overloading and Function overloading
- (b) Inheritance and Polymorphism
- (c) System Software.

*Or*

- (a) Input output devices
- (b) Compiler and Interpreter
- (c) Computer communication. **12**

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