## Subject Code—0212

## M.B.A. EXAMINATION

(Batch 2018 Onwards)

(First Semester)

COMPUTER APPLICATIONS IN BUSINESS
AND CYBER SECURITY

CP-106

*Time* : 3 *Hours*          *Maximum Marks* : 70

**Note** : Attempt *Five* questions in all, selecting *one* question from each Unit in addition to compulsory Q. No. **1**. All questions carry equal marks.

### Compulsory Question

1. Discuss briefly :

   (a)   Cache Memory

   (b)   Compiler

(c) Data Hierarchy

(d) TCP/IP

(e) World Wide Web

(f) Cryptography

(g) Optical Fibre.                    **7×2=14**

### Unit I

2. Provide an overview and functions of operating system citing suitable examples.      **14**

3. With the help of suitable examples discuss the office application using MS-Word, MS-Excel and MS-Powerpoint.      **14**

### Unit II

4. Clarify the concept of Database Management System and highlight its functions and significance.      **14**

5. Write notes on the following :

(a) Data Processing Cycle

(b) File Organization.      **7+7**

### Unit III

6. Discuss some of the network Topologies highlighting their respective advantages and limitations.      **14**

7. Discuss the significance of Internet, Intranet and Extranets citing suitable examples.      **14**

### Unit IV

8. Highlight some of the security issues related to computer network of an organisation and suggest suitable measures to overcome security threats.      **14**

9. Discuss the salient features of IT Act, 2000 and also IT (Amendment) Act, 2008.      **14**