

## DECEMBER 2013 EXAMINATION

IS01/eIS01

### INTRODUCTION TO INFORMATION TECHNOLOGY

**Time: Three Hours**

**Maximum Marks: 100**

**NOTE:** The paper is divided into three sections: Section A, Section B and Section C. There are seven questions in Section A. Students are required to attempt any four questions from Section A. Section B has 5 questions, out of which student has to attempt any 3. Section C is compulsory.

#### SECTION – A (10 Marks each)

1. "IT in today's global environment provides an edge to the business organizations" Justify the statement citing suitable examples **(10)**
2. Discuss the Van Neumon architecture of Computer organization **(10)**
3. What do you understand from Network Communication? How it can be used to enhance the effective working environment of Business organization **(5+5)**
4. Differentiate between: **(2.5X4)**
  - a) Cache Memory and Virtual Memory
  - b) Impact Printer and Non-Impact Printer
  - c) Token Ring and Token Bus
  - d) Windows and UNIX
5. Explain various aspects which one should consider while Feasibility Study **(10)**
6. Discuss the role of Modem in Data Communication **(10)**
7. Write short note on any two: **(5+5)**
  - a) Buses
  - b) Network Protocol
  - c) Meta data

**SECTION – B (15 Marks each)**

8. What do you understand from Database Management System? Discuss the purpose and need with suitable illustration **(7.5+7.5)**
9. Should companies continue to use EDI System? Why or why not **(5+10)**
10. What can be done to improve the security of business uses of the internet? Give example of security measures and technologies you would use **(15)**
11. What do you mean by Expert System? How it can be use in business organization **(10+5)**
12. Write short note on **(7.5x2)**  
i) RAD Tool  
ii) e-Commerce System

**SECTION – C (15 Marks)**

13. You wish to design an online shopping mall selling groceries. What design features would you like to incorporate in the site? What technologies would you use to make it highly usable with an aim to attract customers? **(15)**