

June - July 2008

Bachelor of Computer Application (BCA) Examination  
II Semester**Introduction to Information System**

Time : 3 Hours ]

[ Max. Marks : 40

**Note :** Attempt all five questions. All questions carry equal marks.

1. (a) What is information? What is its importance in any business? Give examples of business information systems.  
(b) Explain complete system Development Life Cycle (SDLC).  
**OR**  
(a) Describe a business scenario where information system can help in performance improvement.  
(b) What is Management Information System (MIS)? Explain different careers in information systems area.
2. (a) Explain the structure of Hard Disk. Describe its working.  
(b) Describe the working of Computer using von neumann model.  
**OR**  
(a) Differentiate between system software and application software.  
(b) What are the different types of programming languages?
3. (a) What are the different symbols used in E-R model? Write down steps to create E-R model.  
(b) What are the applications of database management system?  
**OR**  
(a) Why do we use SQL? Describe any five SQL commands.  
(b) Describe different database models.
4. Explain in brief :  
(a) Intranet (b) www  
(c) Modem (d) Internet service providers (e) IP Address.  
**OR**  
Explain in brief :  
(a) Video conferencing (b) Blogs (c) HTTP  
(d) Routers (e) Web Browser.
5. (a) Describe the working of electronic payment system.  
(b) Describe the working of virus and worms.  
**OR**  
(a) What is e-commerce? Describe its application.  
(b) Describe in brief :  
(i) Computer Waste (ii) Computer Crime.

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