B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2006.

Second Semester

Information Technology

IF 143 — INTRODUCTION TO IT

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is an information system?

2. What are enterprise software's?

3. List the functions of commutation software in a network.

4. Define the term(s) : Browser and Search Engine.

5. What is an extranet? How might it be useful?

6. What is an electronic purse? What are its advantages?

7. Compare conventional programming with artificial intelligence.

8. What does meant by virtual reality?

9. Define ERP.

10. Differentiate between end-user computing and end-user development.

PART B — (5 × 16 = 80 marks)

11. (a) (i)   Describe the capabilities of information systems in detail.   (8)

    (ii) Discuss the similarities and differences between data mining and
          text mining.   (8)

Or

(b) (i) Explain software evaluation and selection criteria in detail. (8)

(ii) Briefly describe various types of hand held computing devices in detail. (8)

12. (a) (i) Name and explain the major components of telecommunication system. (8)

(ii) What are the common ways of connecting to the Internet? Briefly explain. (8)

Or

(b) (i) Briefly describe the services provided by the Internet. (8)

(ii) Discuss about any two wireless transmission media in detail. (8)

13. (a) (i) What are the issues in electronic global trading? Discuss in detail. (8)

(ii) Describe data presentation methods and explain geographical information systems as a decision support tool. (8)

Or

(b) (i) What is global electronic commerce? What are the barriers to global electronic commerce? (8)

(ii) Define DSS and describe its major components. (8)

14. (a) (i) Describe natural language processing and its benefits. (8)

(ii) Briefly discuss about the benefits and limitations of electronic commerce. (8)

Or

(b) (i) What are intelligent agents? Describe the characteristics of intelligence agents. (8)

(ii) Describe electronic commerce infrastructure and support services. (8)

15. (a) (i) With a neat diagram, explain information systems planning process.

(ii) Briefly describe about the impacts of IT on organizations and jobs.

Or

(b) (i) What are the factors favoring end-user computing and end-user development?

(ii) Describe the major threats to information security.

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