

SOUTHEASTERN UNIVERSITY OF SRI LANKA
SECOND EXAMINATION IN BACHELOR SCIENCE (INFORMATION
TECHNOLOGY FOR MANAGEMENT STUDIES) 2008 / 2009

SEMESTER -I, JUNE - 2010

ITMS 2143 – TECHNOLOGY MANAGEMENT AND APPLICATIONS

Answer All Questions.

Time : 03 Hours

01.

1. What do you understand by the term Digital Economy? List its major characteristics (06 Marks)
2. Write notes on the following (06 Marks)
 - a. Information Technology
 - b. Information Systems
 - c. KMS
3. List major capabilities of IT (06 Marks)
4. What is on-demand enterprise? (02 Marks)

02.

1. Describe operational, managerial, and strategic level activities (06 Marks)
2. Define the terms Data, Information, and Knowledge with examples on the following (06 Marks)
3. Compare and contrast grid computing and utility computing (04 Marks)
4. What is an Enterprise wide information system? (02 Marks)
5. Define grid computing (02 Marks)

03.

1. What do you understand by the term E-Commerce? How does it differ from e-business? (05 Marks)
2. Discuss the advantages and disadvantages of e-commerce (06 Marks)
3. Write short notes on (06 Marks)
 - a. WLAN
 - b. CDMA
 - c. GSM
 - d. Wireless Access Point
4. List the major types of E-Commerce (03 Marks)

04.

1. Discuss how collaboration solves supply chain problems. (06 Marks)
2. Why is it logical to organize IT applications by functional areas? (04 Marks)
3. What is a functional information system? Give examples. (04 Marks)
4. Define ERP and describe its major functionalities (03 Marks)
5. What are the benefits of Web-based transaction processing systems? (03 Marks)

05.

1. What is an Interorganizational Information System and briefly describe four common activities conducted between and among business partners. (05 Marks)
2. Briefly describe the types of Interorganizational Information Systems. (05 Marks)
3. Briefly describe the process of B2B Order Fulfillment in an electronic commerce environment. (05 Marks)
4. Explain the term a Virtual Corporation. (03 Marks)
5. What is a global information system? (02 Marks)