IS8E13

M S RAMAIAH INSTITUTE OF TECHNOLOGY
(AUTONOMOUS INSTITUTE, AFFILIATED TO VTU)
BANGALORE – 560 054
SEMESTER END EXAMINATIONS – JUNE 2015

Course & Branch	: **B.E.- Information Science & Engg.** Semester	: **VIII**
Subject	: **Information Systems** Max. Marks	: **100**
Subject Code	: **IS8E13** Duration	: **3 Hrs**

Instructions to the Candidates:
- Answer one full question from each unit.

UNIT – I

1. a) Describe how IT architecture and IT Infrastructure are interrelated. (04)

   b) Identify the major Information systems that support each of the organizational level. (06)

   c) Describe five strategies that companies can use to achieve competitive advantage in their industries. (10)

2. a) Why is it important to become knowledgeable about information technology if you are not working as an IT employee? (10)

   b) State the five porter's competitive forces model and how IT helps companies improve their competitive positions. (10)

UNIT-II

3. a) What are threats? Identify the threats to Information System. (10)
   b) State the need for outsourcing and Application Service providers. (04)
   c) Describe in detail the process of vendor and software selection for your organization after identifying the potential vendors. (06)

4. a) Describe the various types of software attacks. (10)
   b) Describe the major ethical issues related to information technology and identify situations in which they occur. (10)

UNIT – III

5. a) State the need and differences of data warehouse and database. (10)

   b) How are the network applications of communication and its collaboration related? List the type of communications tools. (10)

6. a) Explain the operation of data warehousing and its role in Decision Support. (10)

   b) Discuss why is it important to capture and manage knowledge. (05)

   c) Describe the protocols underlying the web services. (05)

UNIT – IV

7. a) Outline the different types of E-Commerce with an example. (10)

    b) Explain the factors that have driven the development of M-Commerce in creating opportunities to deliver new services. (10)

8. a) Differentiate between pure and partial Electronic commerce. (04)

    b) Outline the various ethical and legal issues that arises from the practice of e-business (08)

    c) Discuss the four major threats to wireless networks (08)

UNIT – V

9. a) Outline the major components of Supply Chain Management Systems (10)

    b) Describe customer relationship management systems (10)

10. a) Explain the components of an expert Systems (10)

    b) What is Decision Support System and discuss its capabilities? (10)

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