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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
**(AUTONOMOUS)**  
**MBA I Year I Semester (R16) Regular Examinations January 2017**  
**FUNDAMENTALS OF COMPUTER & INFORMATION SYSTEM**  
 (For Students admitted in 2016 only)

Time: 3 hours

Max. Marks: 60

**SECTION – A**

(Answer all Five Units 5 x 10 = 50 Marks)

**UNIT-I**

- Q.1** a. What are the different types of compute memories? Discuss any two of them in detail 6M  
 b. Discuss the various input and output devices. Explain any two of each of them. 4M

**OR**

- Q.2** a. What are basic differences between Decimal, Hexadecimal and Octal System? 6M  
 b. Discuss the role of each block in the Block diagram of computer. Which part according to you is the most important and why? 4M

**UNIT-II**

- Q.3** What is an Operating System? Describe the functions of Operating System 10M

**OR**

- Q.4** a. Discuss the functions, role and importance of operating system 7M  
 b. Differentiate between compilers and interpreters. 3M

**UNIT-III**

- Q.5** a. Explain the various formatting features in MS Word 5M  
 b. Discuss application of creating forms in MS Access. 5M

**OR**

- Q.6** Explain various steps in preparation of effective presentation in MS power point 10M

**UNIT-IV**

- Q.7** What is communication media? Explain different types of communication media 10M

**OR**

- Q.8** a. What is internet? Also discuss the advantages and disadvantage of internet 5M  
 b. Discuss the benefits and limitations of World Wide Web 5M

**UNIT-V**

- Q.9** a. Explain the relationship between data, information and knowledge 5M  
b. Explain different types of information systems 5M

**OR**

- Q.10** a. What is meant by security? What are the main principles of Information Security 6M  
b. Discuss about the various emerging trends in IT 4M

**SECTION – B**

(Compulsory Question)

**1 x 10 = 10 Marks**

- Q.11 Case study:**  
Create a work sheet of student details and the roll number of the student should be sorted in ascending and descending order and filtering according to the category wise in different sheets

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