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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR  
(AUTONOMOUS)****MBA I Year I Semester Regular & Supplementary Examinations Jan 2018****Fundamentals of Computer & Information System**

Time: 3 hours

Max. Marks:60

**SECTION – A**

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

**UNIT-I**

1 Discuss various types and advantages of computers 10M

**OR**

2 Explain the AND,OR and NOT gates with suitable diagram 10M

**UNIT-II**3 Explain the following OS with their characteristics and advantages:  
i)Batch processing systems ii)Multitasking systems iii)Real time Systems 10M**OR**4 Explain the following data models with example:  
i)Relational model ii)Network model iii) Hierarchical model 10M**UNIT-III**

5 Explain various steps in preparation of effective presentation in MS-Power Point 10M

**OR**

6 What is excel function? Explain the different types of statistical functions 10M

**UNIT-IV**

7 a Explain WWW and also discuss the main benefits and limitations of world wide web 5M

b What is extranet? also gives its advantages and disadvantages of it 5M

**OR**

8 Explain the different types of networks? Also explain the mesh and bus topology with example. 10M

**UNIT-V**

9 What is mean by security? What are the main principles of information security 10M

**OR**

10 What are the main features of decision making? Explain the Herbert Simon model of decision making? 10M

**SECTION – B**

(Compulsory Question)

1 x 10 =10 Marks

11 Case study:

Write a program to prepare a presentation with your personal resume, visiting card and your college profile in MS-Power point.

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