

Code No: MB163J/R16

MBA III Semester Regular/Supplementary Examinations, Nov/Dec-2019

SYSTEM ANALYSIS & DESIGN

Time: 3 Hours

Max. Marks: 60

*Answer Any FIVE Questions
All Questions Carry Equal Marks
Question No. 8 is Compulsory*

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| 1. a | Describe the role of system analyst. | 6M |
| b | What is feasibility study? Explain different types of feasibility studies. | 6M |
| 2. a | What are the factors that should be kept in mind while designing GUI? | 6M |
| b | Explain the importance of input and output design. | 6M |
| 3. a | Write a short note on fundamentals of coding. | 6M |
| b | What should be the criteria for selection of programming language? | 6M |
| 4. a | What is the importance of testing? Discuss the use of system testing. | 6M |
| b | Explain user manual, design documentation and training manual in detail. | 6M |
| 5. a | Explain major activities in conversion. Which activity is most important and why? | 6M |
| b | Briefly explain the purpose of system implementation. | 6M |
| 6. a | Draw DFD for the employee information system. Make your own assumption about the system. | 6M |
| b | Discuss system maintenance and post implementation maintenance. | 6M |
| 7. a | Explain difference between system analysis and system design. | 6M |
| b | Explain decision table and decision tree with examples. | 6M |
| 8. | CASE STUDY | |

Dr.Thomas, an information system professor at the local university, is at the will call window at the Medallion Theatre, trying to pick up tickets he had reserved. However, due to an oversight which turns out to be rather frequent, his tickets were sold to another patron. Fortunately for Dr.Waggoner and his wife , who are celebrating their wedding anniversary, the box office manager finds two box seats which had not been claimed. In talking with the box office manager, Dr.Waggoner starts thinking that he could perhaps help the theatre avoid this type of problem in the future.

Question:

- i. Design and build a system to help keep track of ticket sales to become more efficient and improve customer satisfaction.
