

**R19****Code No: 863AA****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA III Semester Examinations, July/August - 2021****MANAGEMENT INFORMATION SYSTEMS****Time: 3Hours****Max.Marks:75**

**Answer any five questions**  
**All questions carry equal marks**

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1. What is System Development Life cycle? Explain the various stages of system development life cycle. [15]
- 2.a) Briefly discuss the various stages of Nolan hypothesis.  
b) What are the advantages of application packages? [8+7]
3. What are the characteristics of Decision Support System? What is Expert system? What are the essential differences between them? [15]
- 4.a) What are the major components of Management Information System?  
b) What is the importance of security of information system in an organization? [7+8]
- 5.a) What is MRP II? Explain briefly.  
b) What are the challenges in implementation of ERP? [8+7]
- 6.a) How does ERP facilitate TQM in organization?  
b) How routine order-triggering for purchases can be accomplished through ERP? [8+7]
- 7.a) Bring out the importance of user training for the success of ERP system.  
b) Highlight the need for trouble free maintenance of ERP system in an organization.[8+7]
8. Explain the various steps designed for successful ERP implementation in an organization. [15]

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