

MCA (Revised)

Term-End Examination

05506

June, 2018

**MCS-052 : PRINCIPLES OF MANAGEMENT AND
INFORMATION SYSTEMS**

Time : 2 hours

Maximum Marks : 50

Note : *Question no. 1 is compulsory. Attempt any three questions from the rest.*

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1. (a) What do you understand by the term Organization ? Discuss the classification of organization at Macro level. 5
 - (b) What is Business Analytics ? Discuss its role in any organization. Describe the stages of Business Analytics. 5
 - (c) Explain the term Discounted Cash Flow. Discuss the relation between Discounted Present Value and Future Value. 5
 - (d) How does Knowledge differ from Intelligence ? Briefly discuss the terms Inferential Knowledge and Factual Knowledge. 5

2. Explain the following with suitable examples and diagrams : 10
- (a) Transaction Processing System (TPS)
 - (b) Management Information System (MIS)
 - (c) Decision Support System (DSS)
 - (d) Enterprise Information System (EIS)
3. (a) Explain Evolutionary algorithms. Discuss their role in information systems. 5
- (b) What is a Business Process ? Discuss how a business process is mapped with the functional areas of an organization. 5
4. (a) What are Middlewares ? Discuss the role of middlewares in enhancing the ERP implementation in any organization. 5
- (b) What is the requirement of financial evaluation of any project ? Explain the steps of financial evaluation of any project of an organization. 5
5. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Knowledge Discovery in Databases (KDD)
 - (b) Fuzzy Expert Systems
 - (c) Supply Chain Management (SCM)
 - (d) RTI Act
 - (e) Open Source Business Intelligence Products
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