MCS-052

MASTER OF COMPUTER APPLICATION (MCA) (REVISED)
Term-End Examination
June, 2020

MCS-052 : PRINCIPLES OF MANAGEMENT AND INFORMATION SYSTEMS

Time : 2 Hours   *Maximum Marks : 50*

Note : (*i*) *Question No. 1 is compulsory.*

(*ii*) *Attempt any* **three** *questions from the rest.*

1. (a) What is requirement analysis ? Describe the tools used in requirement analysis of software design and its management.   5

(b) "ERP implementation can improve the performance and efficiency of an organization." Justify the statement.   5

(c) Explain some of the security threats to the information systems. Also, write solution to these threats.   5

(d) What is Decision Support System (DSS) ? Discuss the requirement of DSS at various stages of management.   5

2. (a) What is Office Automation System (OAS) ? How OAS contributes to improve the efficiency and productivity of an organization ? Discuss the features of OAS.

    5

(b) Describe the procedures preferred by managers to evaluate the investments. Give the formula that establishes the relation between procedures.   5

3. (a) Compare and contrast the terms ERP and CRM. "Can CRM be ERP ? Comment on this. 5

   (b) List the various types of information systems. Draw a suitable block diagram to show the interrelationship between various types of information systems. 5

4. (a) What do you understand by the term "Business Intelligence" ? How OLAP contributes to business intelligence ? 5

   (b) Explain the term Net Present Value (NPV). Derive the formula to calculate NPV. 5

5. Write short notes on the following : 2 × 5 = 10

   (a) IRR

(b) DCF

(c) Relation between Discounted Present Value and Future Value

(d) RTI Act

(e) Intellectual property and its relevance.

3040