

MCA (Revised)

Term-End Examination

December, 2017

05590

**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.

1. (a) Explain the role of business intelligence reports in the information system of an organisation. 5
- (b) Explain the term OLAP. Discuss the uses of OLAP in any organisation. List different types of OLAP available along with their usage. 5
- (c) What is the role of PIO (Public Information Officers) in an organisation ? Briefly discuss about the RTI Act of India. 5
- (d) What is DSS ? How does DSS contribute toward better performance of an organisation ? 5
2. (a) Discuss the terms Knowledge and Information. Compare 'Inferential knowledge' with 'Factual knowledge'. 4

- (b) How can Office Automation System (OAS) be used to improve efficiency of an organisation ? Name any three common automation products and mention their features. 6
3. (a) What is meant by Requirement Analysis ? Explain the challenges and problems of requirement analysis. 5
- (b) Describe the distinctive ways of implementing ERP. 5
4. (a) What is meant by “Intellectual Property” ? What is its relevance with respect to the corporate world ? How can intellectual property be protected ? 5
- (b) Explain the term Net Present Value (NPV) and derive the formula used to calculate it. 5
5. Write the differences between the following : 10
- (a) Expert System and Fuzzy Expert System
- (b) MOLAP and ROLAP
- (c) SCM and ERP
- (d) Cyberwar and Cyberterrorism
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