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MCS-052

**MASTER OF COMPUTER
APPLICATIONS (MCA) (REVISED)**

Term-End Examination

December, 2022

**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 are the vertical organizations ? How do they differ from the horizontal organizations ? Give example for both. 5
- (b) What is Intellectual Property (IP) ? Discuss the relevance of IP with respect to the corporate world. How can intellectual property be protected ? 5

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- (c) Explain the term Net Present Value (NPV), and derive the formula to calculate NPV. 5
- (d) What is meant by Requirement Analysis ? Explain the challenges and difficulties of requirement analysis. 5
2. (a) What is the role of PIO (Public Information Officer) in an organization ? Briefly discuss about the Right To Information (RTI) Act of India. 5
- (b) Explain the term OLAP. Discuss the uses of OLAP in any organization. List different types of OLAP available along with their usage. 5
3. (a) What is Decision Support System (DSS) ? How does DSS contribute towards better performance of an organization ? 5
- (b) Discuss the term Business Intelligence. Explain the role of business intelligence reports, in the information system, of an organization. 5

4. (a) What is “Total Cost of Ownership (TCO)” of an information system ? Describe cost factors which should go into the computation of the TCO of any system. 5
- (b) What is meant by Supply Chain Management (SCM) ? How does the concept of SCM differ from Enterprise Resource Planning (ERP) ? 5
5. Differentiate between the following : 10
- (a) Cyber War and Cyber Terrorism
- (b) MOLAP and ROLAP
- (c) Expert System and Fuzzy Expert System
- (d) Business Process Re-engineering (BPR) and Business Process Management (BPM)