

04075

MCA (Revised)
Term-End Examination
December, 2016

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

Time : 2 hours

Maximum Marks : 50

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

1. (a) Why is ERP looked upon as a strategic need of management today ? Explain. 5
- (b) What is an impact of Database Resource Management (DRM) in the corporate world ? 5
- (c) "Virtually every company uses information systems in their business." Elucidate the statement. 5
- (d) Why are information systems essential in business today ? Describe the four trends in the global business environment that have made information systems so important. 5
2. (a) Explain the term Net Present Value (NPV) and derive the formula to calculate it. 5
- (b) What is meant by "Total Cost of Ownership" of an Information system ? Describe its various components. 5

3. (a) How are computer-based information systems concerned with supporting the functional areas of an organization ? 5
- (b) What is meant by SCM ? How does the concept of SCM differ from ERP ? 5
4. Distinguish between the following : 10
- (a) MIS and DSS
- (b) CRM and eCRM
- (c) BPR and BPM
- (d) M-Commerce and E-Commerce
5. Write short notes (in 100 words each) on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Virtual Organization
- (b) Office Automation System
- (c) Social Networking
- (d) Quality Assurance
-