

**MASTER OF COMPUTER
APPLICATIONS (MCA) (REVISED)
Term-End Examination
June, 2025**

**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 term 'Horizontal Organization' with the help of a suitable example. 5
- (b) Briefly discuss the term 'Management'. What are the basic functions, which a manager has to perform as per the classical model of management ? 5

- (c) List the popular methods used for determining the relative and absolute value of business projects or ventures. Explain any *one* of the listed methods. 5
- (d) Describe the Expected Commercial Value (ECV) method for financial evaluation of any project. 5
- 2. (a) Briefly discuss the issues and challenges of Portfolio Management. Also, list some of the tools used for portfolio management. 5
- (b) Discuss some the problems that a company will face if they develop ERP package in-house. 5
- 3. (a) Differentiate between Supply Chain Management (SCM) and ERP. 5
- (b) Explain the various stages of knowledge model. Also, represent the connectivity between the various stages of knowledge model with suitable diagram. 5

4. (a) Write the principles for fair information practices. 5
- (b) Define the term 'Computer Crime'. Is 'Social Engineering a Computer Crime'? Support your answer with suitable arguments. 5
5. (a) Explain the term 'Total Cost of Ownership' (TCO) with suitable example. 5
- (b) Write short notes of the following :

$$2 \times 2 \frac{1}{2} = 5$$

- (i) Executive Support System (ESS)
- (ii) Internal Rate of Return (IRR)

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