MCS-052

MCA (Revised)

Term-End Examination

June, 2021

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) Explain any two distinctive ways of implementing an Enterprise Resource Planning System (ERP). *5*

   (b) Define Online Analytical Processing (OLAP). Describe its functionality. List and explain various types of OLAP. *5*

   (c) With the help of structural charts, explain Function-oriented organisation structure and Process-oriented organisation structure. *5*

(d) With reference to computer crimes, explain the following : *5*

    (i)   Salami Slicing

    (ii)   Cloning

    (iii) Carding

    (iv) Spoofing

    (v)   Dumpster Diving

2. (a) Define Knowledge Management in an organisation. Also, explain its two generations. *5*

   (b) With the help of a "Decision Step Gates" diagram, explain all the steps involved in Decision Gates process. *5*

3. (a) Explain the following methods for valuation of project for an organisation : *5*

    (i)   Net Present Value (NPV)

    (ii)   Expected Commercial Value (ECV)

   (b) Explain how Copyrights and Intellectual Property Rights (IPR) apply to electronic files. *5*

4. (a) With respect to any Software company, explain the Business function and processes involved in Human Resource Department. *5*

(b) Explain any two open-source 'Requirement Analysis Tools'. *5*

5. Write short notes on the following : $4 \times 2\frac{1}{2} = 10$

(a) Transaction Processing Systems

(b) Strategic Decision-Making

(c) General Problems of Empirical Research (in layered evaluation approach and in general approach)

(d) Business Intelligence (BI)

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