

## MCA (Revised)

## Term-End Examination

June, 2010

07302

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) What do you mean by the term Organisation Structure ? Compare and contrast the Horizontal and vertical type of organisation structures. 3
- (b) With the help of a suitable block diagram describe the roles of management at various levels. 2
- (c) Expand the abbreviation TPS, briefly explain the same and mention its 5 functional categories. 3
- (d) Describe the term IRR. Calculate the IRR for  $NPV = 0$ . Answer the question by referring table : 2

YEAR	CASH FLOW
0	-100
1	+120

- (e) What do you mean by the term "Portfolio management" ? Mention all the objectives associated with the term "Portfolio management". 3
  - (f) Compare and contrast the terms ERP and CRM. 2
  - (g) Describe the term Business intelligence. Give names of at least 2 Business intelligence tools. 2
  - (h) Compare and contrast the following : 3
    - (i) Hacking and Cracking
    - (ii) Cyber war and Cyber Terrorism
2. (a) List and explain all acceptable stages of the organisation life cycle, accompanied with their respective characteristics and the desired action to be performed for the sustained good health of the organisation. 5
- (b) Briefly describe, all six types of information systems. You are suppose to emphasise on their respective features like information inputs ; processing ; information output ; users of each information system. 5
3. (a) What is Requirement analysis ? Briefly describe the challenges and problems of requirement analysis ? Name the tools and methods used to perform Requirement analysis. 5

- (b) Briefly describe the procedures preferred by managers to evaluate the investments. Give the formula that establishes the relation between the procedures ? 5
4. (a) Write short note (on any two) : 5
- (i) Podcasting
  - (ii) Risk management
  - (iii) NPV - Net Present Value
- (b) Briefly describe the distinctive ways of implementing an ERP. 5
5. (a) Compare and contrast the following : 5
- (i) First and second generation of knowledge management.
  - (ii) Inferential and Factual knowledge
- (b) Briefly describe any two computer crimes. 5
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