

## Management Information and control System(ii)8.6

## Sem-VII

Time:3hrs

M.M.-70

Note: The question paper consists of three Section A, B, and C. The question paper consists of nine question. Candidates are required to attempt five question in all, selecting two question from Each Section A and B Each question in Section A and B carries 10 marks. Question 9 Section C is compulsory and carries 10 marks.

## Section A

Q1

- a) What is meant by data and information? Explain characteristics of good information. Describe the competitive advantages of information in Management Information System.
- b) Explain the stages of development of Information System? What are the steps essential for the development of Management Information System?

(5, 5)

Q2

- a) What is the Password policy at work place of working? Describe the advantage and disadvantage of changing Passwords every so often. What are the minimum requirements for a Password?
- b) Describe the tools for Information Security to ensure the confidentiality, integrity and availability of information of an organization.

(5, 5)

Q3

- a) Describe the social impacts of Information Technology in Management. How do social issues of Information Systems affect the society?
- b) What are the main challenges of Management Information System? Describe the characteristics of challenges in implementing the Information System. Suggest the suitable methods to solve them.

(5, 5)

Q4

a) What is meant by Decision Making process? Explain the rational and intuitive Decision Making approaches. Describe the following steps in the process of effective Problem Solving and Decision Making.

1. Identify the problem
2. Search for alternatives

b) An Information System works on two integrated components C1 and C2. The successful operation of an Information System will depend upon the successful working of two of its components C1 and C2. A system is to be decided with the better probability of successful operation from the two given systems S1 and S2. Information System S1 has the components C1 and C2 of brand P with probabilities of successful operation as 0.80 and 0.90 and Information System S2 has components C1 and C2 of brand Q with probabilities of successful operation as 0.95 and 0.75

Decide the system with higher probabilities of successful operation.

Determine the probability of its successful operation.

(5, 5)

#### Section B

Q5

a) Describe Economic Value Added (EVA) and the Return on Investment (ROI) approaches of investments. What are the points of difference between them? Compare the main operational difference between them.

b) What is an administrative support system? Explain the administrative services of the system. What is the role of administrative support services?

(5, 5)

Q6

- a) Explain the concept and the importance of Goal Congruence. Describe the ways to achieve Goal Congruence.
- b) Describe the important factors affecting Goal Congruence. Differentiate between external and internal Informal factors those influence Goal Congruence. How do Organizational Effectiveness and Organizational Leadership affect the Goal Congruence?

(4, 6)

Q7

- a) Explain the meaning of Profit Center. Explain the difference between a Profit Center and Cost Center. Describe the purpose for the Profit Center to become a separate business center. Describe the advantages and disadvantages of Profit Center.
- b) Explain profitability and types of profitability measure. Describe the ways which can help to measure the performance of a Profit Center.

(5, 5)

Q8

- a) Describe the working of Revenue Center. What are the important departments of Revenue Center? What is the difference between revenue center and profit center?
- b) What is meant by Research and Development (R&D)? Describe the Types of (R&D). Why is (R&D) important?
- c) Describe the functions of the R&D centers? What are components of cost to a R&D center? How can a company benefit from the R&D centers?

(3, 3, 4)

Section C

Q9

Attempt any 10 parts.

- a) What is meant by Management Information System? What are the main types of MIS?
- b) Describe the basic concepts of Information Systems. What are the main types of management information systems (MIS)?
- c) Describe the information flow in an organization. What is an information flow model?
- d) Describe an important method of multi-factor authentication that you have experienced. Discuss the pros and cons of using multi-factor authentication.
- e) What are the contents of MIS plan? How can you plan a system in MIS?
- f) Describe and illustrate the support given by Management Information System to the organization.
- g) What are the boundaries of management control? How can you manage personal boundaries?
- h) What is meant by constant management control? Describe the elements of management control system.
- i) Explain an Interactive Control System. What are the main activities of this system for management interaction?
- j) What do you mean by transfer pricing? Explain with the help of example.
- k) What are the types of management control systems? Describe formal controls in management.
- l) What is an Investment Center? Explain an Investment Center financial statement.

(3X10)