

Total No. of printed pages = 4

63/2 (SEM-4) MCA 4:1

2023

MCA

(Theory Paper)

Paper Code : MCA 4:1

(Management Information System)

Full Marks – 75

Pass Marks – 30

Time – Three hours

The figures in the margin indicate full marks  
for the questions.

1. Choose the correct answer of the following :

1×5=5

(a) The information of MIS comes from the  
boot \_\_\_\_\_ source.

(i) internal

(ii) external

(iii) superficial

(iv) internal and external

[Turn over

- (b) The Management Information System receives input from the \_\_\_\_.
- (i) SSI                      (ii) GPS  
(iii) TPS                    (iv) LM
- (c) Information technology is the combination of computer science and \_\_\_\_.
- (i) telecommunications  
(ii) electronics  
(iii) digital marketing  
(iv) networking
- (d) \_\_\_\_ is capable of taking decisions on its own.
- (i) IoT                      (ii) AI  
(iii) MIS                    (iv) VR
- (e) In a \_\_\_\_ network, clients and another server work together to process the application.
- (i) cloud computing  
(ii) mobile computing  
(iii) client-server computing  
(iv) operating system

2. Answer the following questions :  $2 \times 5 = 10$
- (a) Define Management control.  
(b) What do you mean by System ?  
(c) What are the characteristics of information ?  
(d) What is Artificial Intelligence ?  
(e) What are Telecommunication and Communication ?
3. Answer any *four* questions from the following :  $7 \times 4 = 28$
- (a) What is telecommunication links ? Discuss LAN and MAN along with their characteristics.  
(b) Explain Supply Chain Management and Warehouse Management.  
(c) What are Knowledge management and Electronic governance or e-governance ?  
(d) What is information system ? Discuss what are strategic, tactical and operational decisions ?  
(e) Distinguish among internet, intranet and extranet.  
(f) Describe Transaction Processing System and Management Information System.

4. Answer any *two* questions from the following :  
 $10 \times 2 = 20$

- (a) Explain 'Financial forecasting' and 'Financial control'.
- (b) Explain the implementation of Enterprise Resource Planning and the common challenges to implement it.
- (c) Explain Executive Information System and Decision Support System.

5. Answer any *one* question from the following :  
 $12 \times 1 = 12$

- (a) Explain the functions of management.
- (b) Describe the various networking topologies.