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63/2 (SEM-5) MCA 5.2

2021

(Held in 2022)

MCA

(Theory Paper)

Paper Code : MCA-5.2

(Management Information System)

Full Marks - 75

Time - Three hours

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

1. All questions are compulsory :  $1 \times 5 = 5$
- (a) A computer laboratory is an example of
- (i) Local Area Network (LAN)
  - (ii) Wide Area Network (WAN)
  - (iii) Metropolitan Area Network (MAN)
  - (iv) Both (i) & (ii)

[Turn over

- (b) A transaction processing system is also known as real-time processing system  
 (i) True (ii) False
- (c) Information is  
 (i) Processed data (ii) Unprocessed data  
 (iii) Facts (iv) None of the above
- (d) A global system of interconnected network is known as  
 (i) Internet (ii) Intranet  
 (iii) Extranet (iv) None of the above
- (e) Strategic management is the management of an organization's resources to achieve its  
 (i) Profit  
 (ii) Goals and objectives  
 (iii) Market Share  
 (iv) Competitive Advantage.
2. Answer the following questions :  $2 \times 5 = 10$
- (a) What is the frequency range of Bluetooth, Wi-Fi and Wi-Max ?
- (b) How many different levels of people are associated with an organization ?

- (c) Define the term topology in context of networking.
- (d) What do you mean by Programmed and Non-Programmed decisions ?
- (e) What are the mediating factors between organizations and information technology ?
3. Discuss briefly any four :  $7 \times 4 = 28$
- (a) Describe Transaction Processing System (TPS).
- (b) Describe the attributes of information with suitable example.
- (c) What is the nature of decision making ? Describe the characteristics of strategic decision.  $2 + 5 = 7$
- (d) Describe the components of Accounting Information System (AIS).
- (e) What do you mean by Computer Crime ? Describe the frequently occurred cyber-crime in an organization.  $2 + 5 = 7$
- (f) Differentiate between Internet, Intranet and Extranet.

4. Answer any *two* of the following details :

10×2=20

- (a) What are the ethical responsibilities of an organization ?
- (b) Describe different types of communication media in a computer network.
- (c) What are the types of decisions every organization needs to take ?

5. Describe any *one* of the following : 12×1=12

- (a) What are the key challenges in Enterprise Resource Planning (ERP) implementation ?
- (b) Discuss the phases of Customer Relationship Management (CRM).