MASTER OF COMPUTER APPLICATION
FIFTH SEMESTER
MANAGEMENT INFORMATION SYSTEM
MCA-502

(Use separate answer scripts for Objective & Descriptive)

Duration: 3 hrs. **Full Marks: 70**

[PART-A: Objective]

Time: 20 min. **Marks: 20**

Choose the correct answer from the following: ***1x20=20***

1. Which type of software is used in "large corporations" for business management and automating back office?
   a. Manufacture Resource Planning(MRP) b. Enterprise Resource Planning (ERP)
   c. Microsoft Office d. None of the above

2. Which of the following is not involved in database management?
   a. Recording b. Selling
   c. Managing d. Retrieving

3. Pointing device includes the following except:
   a. Mouse b. Light pen
   c. Trackball d. Keyboard

4. In the Acronym PODSCORB, C stands for:
   a. Coordinating b. Controlling
   c. Coordinate d. Control

5. A joystick is primarily used to/for:
   a. Control sound on the screen b. Gaming
   c. Enter text d. Draw pictures

6. OLAP stands for
   a. Online analytical process b. Online analysis and process
   c. Online analytical processing d. Online analysis and processing

7. In B2B, C2B, B2C, B2A and A2B, B stands for:
   a. Business b. Browsing
   c. Banking d. None of the above

8. Which of the following is not a part of application software?
   a. Spreadsheets b. Utilities
   c. Word processors d. Computer games

9. Query is a component of:
   a. DBMS b. DMSS
   c. DSMS d. DMBS

10. What is the oldest form of OS?
    a. LINUX b. UNIX
    c. WINDOWS 98 d. RED HAT LINUX

11. A/T Zeleny, system consists:
    a. Hardware, Software and Brainware
    b. Hardware, Brainware and Malware
    c. Software, Spyware and Malware
    d. Brainware, Malware and Spyware

12. Microsoft Office is a_____ software.
    a. Opened-source
    b. Closed-source
    c. Interface
    d. None of the above

13. Which of the following is a process of MIS design?
    a. OLAP
    b. Prototyping
    c. Model
    d. OLTP

14. Which of the following categories of MIS are used by middle level management?
    a. OAS
    b. TPS
    c. DSS
    d. EIS

15. The decision making phases are:
    a. Intelligent, design, choice, implementation.
    b. Intelligent, design, choice, integration.
    c. Intelligent, design, choice, interpretation
    d. Intelligent, design, choice, innovation

16. Which of the following combination of options are examples of e-payment?
    a. PayTm, e-cash, net-banking, credit card, ATM cum debit card, ATM, debit card.
    b. PayTm, e-cash, net-banking, credit card, ATM cum debit card, cheque, drafts.
    c. PayTm, e-cash, net-banking, credit card, ATM cum debit card, banker's cheque.
    d. PayTm, e-cash, net-banking, credit card, demand drafts, ATM, debit card.

17. _____+ Insight = _____
    a. Understanding, Information
    b. Information, Understanding
    c. Information, Communication
    d. Communication, Understanding

18. Law of Maldistribution is also known as:
    a. 80-20 rule
    b. Pareto's law
    c. Both a and b
    d. Neither a nor b

19. The financial interpretation of a future course of action leading to accomplishment of a goal is:
    a. Planning
    b. Coordinating
    c. Controlling
    d. Budgeting

20. Which of the following is a correct option for "examples of user interfaces"
    a. Mouse, monitor, printer, scanner, web cam, keyboard, GUI.
    b. Mouse, monitor, printer, scanner, web cam, keyboard, GPS.
    c. Mouse, monitor, printer, scanner, web cam, keyboard, GIS.
    d. Mouse, monitor, printer, scanner, web cam, keyboard, GDS.

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(PART-B :Descriptive)

Time: 2 hrs. 40min. **Marks: 50**

[Answer question no.1 & any four (4) from the rest]

1. Discuss various phases of decision-making process. What do you mean by DSS? What are the components of DSS? 3+2+5=10

2. Draw the pyramid structure of MIS illustrating the different types of MIS and its meaning. Cite relevant examples. 7+3=10

3. Elaborate upon the uses of computers in business citing relevant examples. 10

4. Explain in brief the 'Prototyping Approach' to MIS design. 10

5. What are the different database models? Explain the relationships. 5+5=10

6. Define: 2×5=10
   a. 1 to 1 relationship
   b. Entity

7. Write short notes on the following: 2×5=10
   a. Data and Information
   b. Value Chain

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