MASTER OF GEOGRAPHY
First Semester
COMPUTER APPLICATION AND INFORMATION TECHNOLOGY
(MGE - 104)

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

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.   **Marks: 50**

I. Answer any *five* of the following questions: **10×5=50**

1. Explain block diagram along with computer components.   (10)

2. (a) Explain linear and non-linear data structures. Write the difference between linear and non-linear data structures.   (5)

    (b) Define array, stack and queue.   (5)

3. What is Internet? Define packet, LAN, WAN and Firewall.   (2+8)

4. (a) What is searching? Write the differences between sequential search and binary search methods.

    (b) Explain Bubble Sort method.   (2+4+4)

5. What is Operating System? Explain various types of Operating Systems.

            (2+8)

6. Define various data processing functions. Explain some business data processing applications.   (5+5)

7. What is Macro? Write some features of MS Word 2007. (3+7)

8. (a) Draw a flowchart for calculating simple interest where (5)

Simple Interest = Principal x Rate of Interest (in percent) x Time

(b) Write an algorithm to display the maximum of two numbers. (5)

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Duration: 20 minutes   **Marks – 20**

(PART A- Objective Type)

I. Choose the correct answer: 1×20=20

1. What of the following is not a font style?

    a. Bold   c. Regular

    b. Italic   d. Superscript

2. By default, on which page the header or the footer is printed?

    a. On first page   c. On every page

    b. On alternate page   d. None of the above

3. Which of the following is not a type of page margin?

    a. Left   c. Top

    b. Right   d. Center

4. A new presentation can be created from

    a. Blank presentation   c. From Design Template

    b. From Existing presentation   d. All of above

5. Formulas in Excel start with

    a. %   b. =   c. +   d. ‾

6. The cell reference for cell range of G2 to M12 is _____

    a. G2.M12   c. G2:M12

    b. G2;M12   d. G2-M12

7. Landscape is ?

    a. A font style   c. Page Layout

    b. Paper Size   d. Page Orientation

8. Ms-PowerPoint is a _____ language.

    a. Document   c. Presentation

    b. Spreadsheet   d. Programmatic

9. To start slide show of a presentation

    a. Hit F5 key

    b. From Slide Show menu choose View Show option

    c. From Slide Show menu choose Rehearse timing

    d. both a & b

10. Which is the correct example of cell address.

    a. 11 25   c. 41A

    b. 911   d. A21

11. Binary equivalent of 14 is

    a. 1000   c. 1111

    b. 1110   d. 1010

12. Hexademimal equivalent of 15 is

    a. E   b. F   c. D   d. A

13. Select all the text and graphics in the working document press Ctrl+A.

    a. True   b. False

14. Power Point is a graphical software.

    a. True   b. False

15. Arithmetic calculations can be done in Excel.

    a. True   b. False

16. Which of the following is not a linear data structure

    a. Array   c. Queue

    b. Stack   d. Tree

17. Which of the following is not related to network

    a. Packet   c. LAN

    b. RDBMS   d. Firewall

18. 1011011+1100101 = ?

    a. 11100000   c. 10101000

    b. 11000000   d. None of the above

19. Which of the following is not a linear data structure

    a. Array   c. Queue

    b. Stack   d. Tree

20. Which of the following is not related to network

    a. Packet   c. LAN

    b. RDBMS   d. Firewall

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