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: $10 \times 5 = 50$ 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. (1-4+4) P. Idal C 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)

1.	what is Macro? write some features of MS word 2007.	(3+1)
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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First Semester

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17.	Which of the following is not related	to network	
	a. Packet	c. LAN	1
	b. RDBMS	d. Firewall	
18.	1011011+1100101 = ?	$18.4011013 - 1100101 = 7^{16}$	
	a. 11100000	c. 10101000 10100000 World Property Co.	
	b. 11000000	d. None of the above	
19.	Which of the following is not a linear	data structure high of the following in hour linear	
	a. Array	c. Queue a Array	
	b. Stack	d. Tree b. Stock	
20.	Which of the following is not related	to network. Which of the following is not related to	-
	a. Packet	c. LAN a Packet	
	b. RDBMS	d. Firewall by RDBMS	

b. False

c. Queue

d. Tree

15. Arithmetic calculations can be done in Excel.

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

a. True

a. Array

b. Stack