EASTERN UNIVERSITY SRI LANKA FACULTY OF COMMERCE AND MANAGEMENT FIRST EXAMINATION IN BBA/BCOM - 2017/ 2018

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FIRST SEMESTER (July / August - 2019) MGT 1012 – INTRODUCTION TO IT THEORY EXAMINATION - REPEAT

Time allowed: 02 hours swer all questions a. Compare and contrast the 2nd and 3rd generation of Computers. (5 Marks) le (5 Marks) b. Draw the Block Diagram of the Computer. (4 Marks) c. Write down five features of the Computer. d. What is cache memory and explain with appropriate diagram how it is works? (5 Marks) e. Write down the expansion of the following devices and their functions: i. MICR, ii. OMR, and (6 Marks) iii. BIOS. a. Computer can be classified into two broad categories. Explain them. (5 Marks) b. What are the various devices used to store data in a computer? Give a classification (5 Marks) of storage devices. c. Convert the following into Binary (Show appropriate steps): i. (125.25)₁₀, and (5 Marks) ii. $(0.1010)_8$. d. Convert the following into Octal (Show appropriate steps): i. (638.345)10, and (5 Marks) ii. (FDCF8D)16. e. Draw a truth table for $\overline{W}(X+Y)Z$. (5 Marks) 3. a. Name the main components of a Central Processing Unit (CPU) and briefly describe (6 Marks) their functions. (5 Marks) b. List the five functions of an operating system.

	c. List two types of operating system with aid of suitable examples.	(6 N
	d. Define the term Software. The computer software is classified into	two
	categories, explain them with suitable examples.	(5 N
	e. Write down three demerits of ICT.	(3 N
4.	Met Idiz - INTRODUCTION TO U	\-\-\-
	a. What do you understand by the term Computer Network?	(5 M
	b. What are the advantages of connecting the Computers by a network?	(5 M
	c. Write down the advantages and disadvantages of the Internet.	(5 M
	d. Write down the short notes of the following:	(0 1.
	i. Spyware, and	
	ii. Malware.	(5 M
	e. E-Commerce advantages can be broadly classified in three major category	
	i. Advantages to Organisations, and	rios.
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	Explain the advantages of each category.	(5 M
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