COMPUTER ARCHITECTURE

MODULE 1 - ASSIGNMENT # 1

Date Given : June 20, 2019 Due Class time : June 29 , 2019

Instruction : Do All Questions. Complete and submit in hard-copy format. Ensure your name and ID number is visibly attached.

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Question 1

Using information from the course recommended text and/or any other credible sources, make a two page comparative and evaluative summary of the trends in the historical generations of computer architectures as they have evolved to date. Making sure to include the relevant features of each computer architecture generation highlighted. **[40 marks]**

Question 2

Complete the following table: (**Make sure to show all workings**)

Decimal	***Binary***	***Octal***	***Hexadecimal***
		465365452	
	10110101101101101100101110		
347368			
			2EDBECADE23

[50 marks]

Question 3

Perform binary addition on the following

01010110100011 + 1011111011 **[5 marks]**

Question 4

Perform using two complement arithmetic the following:

-356_{10} + -214_{10} **[5 marks]**

*************END-OF-ASSIGNMENT******************
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