COMSATS University Islamabad, Vehari Campus
Department of Computer Science
Sessional-1 EXAMINATION – Spring 2021

Class: BSSE
Subject: M&AL
Total Time Allowed: 60 min.
Name: Ahmer Iqbal

Date:
Instructor: Junaid Iqbal
Max Marks: 10
Registration # Sp18-BSE-002

NOTE: Attempt all questions, be specific and to the point and avoid extra details.

[05x01]

Question 01:

a) Differentiate between Computer Organization and Architecture.
b) Convert the binary number $(11000101)_2$ to Hexadecimal.
c) What is Hyper-threading?
d) Differentiate between CISC and RISC.
e) Convert the decimal number $(591)_{10}$ to Binary.

Question 02: [05]

Explain the Instruction Execution Cycle with Diagram and Pseudo Code.

Good Luck

19-03-2021

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