

CSE211 – COMPUTER ORGANIZATION AND DESIGN

ONLINE ASSIGNMENT 2

Note: 1. Each question carry 10 marks.

2. Last date of online assignment submission is November 15, 2021 (Monday).

3. This assignment submission is not a group activity, so every student is advised to individually work on the assigned tasks to complete the activity as per defined timeline.

4. Copying the contents of others is not allowed.

5. Do not share your assignment file with anyone. And do not indulge in any malpractice as Sharing the file/copying the contents may affect your assignment result.

6. Include the supporting diagram(s)/figure(s)/Truth table(s)/expression(s), as applicable, to better explain your answer.

Section: K20BE

Total marks: 30

Q1: Explain Data Transfer Instructions, Data Manipulation Instructions, Program Control Instructions with example and description of each category instructions. [10]

Q2: Explain Addressing modes alongwith proper numerical example: Immediate, Relative, Register Indirect, Direct, Indirect, Register. Only include the values required to explain above addressing modes. [10]

Q3: Explain Synchronous and Asynchronous operations. Mentions the Asynchronous data transfer methods and explain them in detail by using diagram (i.e. Block, timing) and Sequence of events. [10]