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Class Test-2

(19)

Student ID: **Program:** BSc in CSE; **Course Code:** CSE112; **Course Title:** Computer Fundamentals

Section: 70_A; **Date:** 14/10/25; **Time:** 35 min **Signature of Course Teacher:**

1. Convert (1.5 X 2 = 3)
   i. $(8542)_{10} = (\ 21622\ )_{8}$
   ii. $(10111010100111011011101101)_2 = (\ 5C515555\ )_{16} = (\ BA9B6D\ )_{16}$
2. Find out the result (2 X 2 = 4)
   i. $(643454654)_7 + (544352536)_7 = (1521140523)_7$
   ii. $(7234284)_9 - (3868468)_9 = (325475)_9$
3. Differentiate CPU and GPU. 3
4. What are the main components of a computer? Which part is called computer brain? Describe the function of this components. 5