

Class Test-2

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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. $(8542)_{10} = (33622)_7$ ✓
ii. $(101110101001101101101101)_2 = (56515555)_8 = (BA9B6D)_{16}$ ✓

2. Find out the result (2 X 2 = 4)

- i. $(643454654)_7 + (544352536)_7 = (1521140523)_7$ ✓
ii. $(7234284)_9 - (3868468)_9 = (3254715)_9$ ✓

3. Differentiate CPU and GPU. 3
4. What are the main components of a computer? Which part is called computer brain? 5
Describe the function of this components.