

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. $(8542)_{10} = (53622)_7$

ii. $(101110101001101101101101)_2 = (56515555)_8 = (BA9B6D)_{16}$

2. Find out the result

(2 X 2 = 4)

i. $(643454654)_7$

ii. $(7234284)_9$

$+(544352536)_7$

$-(3868468)_9$

$(1521140523)_7$

$(3254715)_9$

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.

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