Exercise 5 - 68K Instruction Decomposition II

Due Oct 24 at 11:59pm   **Points** 5   **Questions** 10
Available after Oct 19 at 12am   **Time Limit** None   **Allowed Attempts** 3

Take the Quiz Again

Attempt History

	Attempt	**Time**	**Score**
KEPT	**Attempt 2**	7 minutes	5 out of 5
LATEST	**Attempt 2**	7 minutes	5 out of 5
	Attempt 1	45 minutes	3 out of 5

⚠ Answers will be shown after your last attempt

Score for this attempt: **5** out of 5
Submitted Oct 20 at 3:02pm
This attempt took 7 minutes.

Question 1   0.5 / 0.5 pts

1. What is the content in A0 after executing the following code?

   1)   MOVEA.W #$9100, A0

   ○ 00009100

   ○ 9100FFFF

   ◉ FFFF9100

   ○ 91000000

Question 2

0.5 / 0.5 pts

2) MOVEA.L #$9100, A0

○ FFFF9100

○ 91000000

◉ 00009100

○ 9100FFFF

Question 3

0.5 / 0.5 pts

3)   MOVEA.W #$4214, A0

○ 4214FFFF

○ FFFF4214

○ 42140000

◉ 00004214

Question 4

0.5 / 0.5 pts

4)   MOVEA.L #$4214, A0

◉ 00004214

○ FFFF4214

○ 42140000

○ 4214FFFF

Question 5

0.5 / 0.5 pts

5)   LEA $9120, A0

○ 91200000

◉ 00009120

○ FFFF9120

○ 9120FFFF

Question 6

0.5 / 0.5 pts

2. Assemble code

Please assemble the following codes according to 68K manual.

1)   MOVE.B $00004340, D3

○ 1638 FFFF4340

○ 1639 4340

○ 1639 00004340

◉ 1638 4340

Question 7   0.5 / 0.5 pts

2)   MOVE.B $A340, D3

- ◉ 1639 0000A340

- ○ 1639 FFFFA340

- ○ 1638 A340

- ○ 1639 A340

Question 8   0.5 / 0.5 pts

3)   MOVE.B $FFFFA340, D3

- ○ 1638 FFFFA340

- ○ 1638 0000A340

- ○ 1639 A340

- ◉ 1638 A340

Question 9   0.5 / 0.5 pts

4)   MOVE.B $FFFF4340, D3

○ 1638 4340

○ 1639 00004340

○ 1639 4340

◉ **1639 FFFF4340**

Question 10	0.5 / 0.5 pts

5) MOVE.W $A340, D3

○ 3639 A3400000

○ 3639 FFFFA340

○ 3639 A340

◉ **3639 0000A340**

Quiz Score: **5** out of 5