Exercise 3A - 68K Instruction Set I

Due Oct 28 at 11:59pm　　　**Points** 5　　　**Questions** 10　　　**Time Limit** None
Allowed Attempts 3

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	61 minutes	2 out of 5

⚠ Answers will be shown after your last attempt

Score for this attempt: **2** out of 5
Submitted Oct 25 at 12:40pm
This attempt took 61 minutes.

Incorrect

Question 1　　　　　　　　　　　　　　　　0 / 0.5 pts

1. Initially, <D2> = $025C30F7. After the following instruction is executed,

　　ADDI.B #$10,D2

　　1) what's the value of D2?

○ 025C0107

○ 00000007

⦿ 025C3107

○ 025C3007

Incorrect

Question 2   0 / 0.5 pts

2) From the above question, what is XNZVC?

- ◉ 00001

- ○ 10101

- ○ 10000

- ○ 10001

Question 3   0.5 / 0.5 pts

2. Initially, <D2> = $025C30F7. After the following instruction is executed,

ADDI.W #$10,D2

1) what's the value of D2?

- ◉ 025C3107

- ○ 025C3007

- ○ 025C0107

- ○ 00000007

Incorrect

Question 4

0 / 0.5 pts

2) From the above question, what is XNZVC?

- ○ 00000

- ○ 10001

- ○ 01000

- ◉ 00001

Question 5

0.5 / 0.5 pts

3. D0 contains the value, $3456ABCF:

1) What is the value of D0 after the following instruction?
ASL.W #3,D0

- ◉ 34565E78

- ○ 34B55E78

- ○ A2B55E78

- ○ 34565E79

Incorrect

Question 6

0 / 0.5 pts

2) From the above question, what is XNZVC?

○ 10011

○ 00011

◉ **10001**

○ 10010

Question 7

0.5 / 0.5 pts

4. D0 contains the value, $3456ABCF:

  1) What is the value of D0 after the following instruction?
  ASR.W #3,D0

◉ 3456F579

○ 34565E78

○ 068AD579

○ A2B55E78

Incorrect

Question 8

0 / 0.5 pts

2) From the above question, what is XNZVC?

○ 10001

○ 11101

◉ 10011

○ 11001

Question 9   0.5 / 0.5 pts

5. D0 contains the value, $3456CBCF

   1) What is the content of D0 after the following instruction?
     ROL.W #3,D0

   ◉ 34565E7E

   ○ B4565E7E

   ○ 3456F579

   ○ 34565E78

Incorrect

Question 10   0 / 0.5 pts

2) From the above question, what is XNZVC?

   ◉ ?0010

   ○ ?000?

   ○ 10001

   ○ ?0000

Quiz Score: **2** out of 5