

2011 -			
K/4	15	12- 15	10:
			:
			/ 3:

( 05) :

$$4 \equiv -2[3] \quad (1)$$

$$2a + 3b \equiv 2[7] \quad b \equiv 4[7] \quad a \equiv 2[7] \quad (2)$$

$$7 \quad 2010 \quad 8 \quad 2010 \equiv 8[7] \quad (3)$$

$$2025 \quad 1 + 3 + 5 + 7 + \dots + 89 \quad (4)$$

( 05) :

$$q = 3 \quad U_1 = 2 \quad (U_n)$$

$$U_4 \quad U_3 \quad U_2 \quad (1)$$

$$n \quad U_n \quad (2)$$

$$S = U_1 + U_2 + \dots + U_n : \quad n \quad (3)$$

$$S = 242 \quad n \quad (4)$$

( 10) :

$$f(x) = \frac{1}{3}x^3 - \frac{3}{2}x^2 + 2. : \quad R \quad f \quad (C)$$

$$. (O; \vec{i}; \vec{j}) \quad (1)$$

$$. \quad (2)$$

$$. \quad f \quad (2)$$

$$. \quad (C) \quad (3)$$

$$. x_0 = 3 \quad (C) \quad (\Delta) \quad (4)$$

$$. (C) \quad (\Delta) \quad (5)$$