سوال ۲)

E(72)= E(42/2-2) E(2)

= E (YSGN(U1Z) / Z=Z) E(Z)

= (N N N XX-12-5) + Nx(-1) x XN (-1) x XN (-1)

= E(2) V

الت ست الن بلى الله و في كالمى ساس عنطسود إلى المسم الله (فالله على الله والله على الله الله الله الله الله ال

 $y_i \sim sub_{igussian}(\sigma^{\gamma})$

p(max/y;/{y) = 1-p(max/y;/>y) 4);/-xney6

=> p(max 14:1/4 >1-xne-> 21-8

= - xne x = _ & = xne x = & = & = - x = log(&) x1 - log(xn)

Y= log(E) log(KN) => Y= log(IN) xk => Y= (log(N))

$$Y = subG(1) = \theta^{T}$$

$$Y = syn(Y_{K} + U_{K}, \theta)$$

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$$Y = subG(1) = \theta^{T}$$

$$E(Y_k) = E(Y_k) = C \times O(1) = C$$

$$Y_{k} - Y_{k} = \Theta^{T}W_{k} + \mathcal{E}_{k} - \mathcal{E}_{k}$$

$$= \mathcal{E}_{k} - \mathcal{E}_{k} = 2 \text{ sub}G(1) = \text{sub}G(Y_{k}) - \text{sub}G(1)$$

$$\Rightarrow \sum_{i} \lambda C_{i} \lambda \frac{\lambda}{2} = 0$$
 (1)

$$= \sum_{r=1}^{6n} \sqrt{\frac{2}{r}} = 0$$