

اردین سفار احمد دم ۱۳ بیابان

(1)

$$\{13 - 17a \in A$$

$$r_1 = \frac{1}{r} x^r - x + 1/2$$

(5)

$$-4 \leq m \leq -1$$

$$m^2 - 14m - f > 0 \Rightarrow (m - 14)(m + f) \Rightarrow \begin{array}{c} -f \quad 14 \\ + \quad - \quad - \quad + \end{array}$$

(

$$\Rightarrow (m-v)(m+v) = m^2 - v^2$$

$$\left. \begin{aligned} \rightarrow r_m^* - r_m + r &\rightarrow \Delta < 0 \\ \rightarrow r_m^* - r_m - \frac{r}{\gamma} &\rightarrow \Delta > 0 \checkmark \end{aligned} \right\} 10 \text{ ms } \frac{r}{\gamma}$$

$$\frac{(n-x)(n+y)}{n} \rightarrow \frac{n_1 s}{n_2 s} \rightarrow \frac{n_1}{n_2} + \frac{1}{\frac{n_2}{s}} \cdot \frac{1}{1 + \frac{1}{s} \cdot \frac{1}{n_2}} \left\{ \frac{1}{2n} - \frac{1}{2n} \right\} \left(\frac{1}{n} \right)$$

$$s \rightarrow \frac{1}{n_1} s - \Lambda + \frac{1}{r} s - v(1)$$

$$\begin{array}{r} \text{②} \quad 2700 \\ + 2700 \\ \hline 5400 \end{array}$$

$$\left(\sqrt[n]{a^n - 1} \right) \left(\frac{n \sqrt[n]{a^n + 1} + \sqrt[n]{a^n}}{n \sqrt[n]{a^n + 1} + \sqrt[n]{a^n}} \right) \quad (2)$$

$$= \sqrt[n]{a^n} - \sqrt[n]{a^n} + 1 - \frac{1}{\sqrt[n]{a^n}} + \sqrt[n]{a^n} - 1 + \frac{\sqrt[n]{a^n} - 1}{n \sqrt[n]{a^n} + \sqrt[n]{a^n}}$$

$$\Rightarrow \sqrt[n]{a^n} - \frac{1}{\sqrt[n]{a^n}}, \sqrt[n]{a^n}, n \sqrt[n]{a^n} + \sqrt[n]{a^n}$$

$$n \sqrt[n]{a^n} - 1 \geq 0 \Rightarrow \sqrt[n]{a^n} \geq \frac{1}{n}$$

$$n \sqrt[n]{a^n} \geq 1$$

$$\frac{a}{n} \geq \frac{1}{n}$$

$$\sqrt[n]{a^n} \geq \frac{1}{n} \quad (4)$$

$$\frac{f}{n} = n \sqrt[n]{a^n} \Rightarrow n \sqrt[n]{a^n} = \frac{f}{n}$$

$$\Rightarrow a \sqrt[n]{a^n} = f \Rightarrow n \sqrt[n]{a^n} = \frac{f}{a} \Rightarrow n \sqrt[n]{a^n} = \frac{f}{a}$$

$$\left\{ \begin{array}{l} \frac{a}{n} \geq \frac{1}{n} \Rightarrow a \geq 1 \\ \frac{a}{n} \geq \frac{1}{n} \Rightarrow a \geq 1 \end{array} \right\} \Rightarrow a \geq 1 \quad (5)$$

$$a > 0 \Rightarrow n \sqrt[n]{a^n} + 1 \geq 0$$

$$L, \text{ بزرگترین } : a = 0 \Rightarrow n \geq 0, y \geq 0$$

$$\Rightarrow S_{a+b} \geq 0 \Rightarrow \frac{-n - 1}{a} > 0, \frac{n + 1}{a} > 0$$

$$\frac{-n}{a} - \frac{1}{a} = \frac{-n-1}{a}$$

$$\frac{-n}{a} < a < 0 \Rightarrow \frac{-n}{a} < a < 0$$

$$a, \text{ بزرگترین } 0$$

$$\frac{-a}{r} = \frac{-r}{r} \Rightarrow \boxed{a, r}$$

(A)

$$n^r + (n-1)$$

$$\Rightarrow (n+r)(n-1) \leq 0$$

$$-n^r - (n+b) \leq 1 \Rightarrow n^r + (n+(1-b)) \leq 0$$

$$(n+r)(n-1) \leq 1-b-r$$

$$\Rightarrow b, r$$

$$\Rightarrow a, b, r, f \in \Lambda$$

$$\frac{a}{r} - \left(\frac{-a}{r}\right) \leq 1$$

(9)

$$\Rightarrow \frac{a}{r} + \frac{a}{r} \Rightarrow \boxed{a \leq 1}$$

$$\Rightarrow y_1: n^r - n + b$$

$$y_2: n^r + n - r \Rightarrow (r+f)(n-r) \leq \frac{n \cdot r}{r} \left| \begin{matrix} \left[\frac{a \cdot b}{r} \right], \\ \left[\frac{-r}{r} \right] \leq -r \end{matrix} \right.$$

$$\Rightarrow y_1 \rightarrow \left\{ \begin{matrix} n \leq 1 \\ n \leq 1/d, -\frac{r}{r} \end{matrix} \right\} \Rightarrow \frac{b}{r} \leq \frac{-r}{r} \Rightarrow \boxed{b \leq -r}$$

$$n^r + 9n + m, n^r + (n-r)m$$

(10)

$$\Rightarrow f(n) - f(m) \Rightarrow n - m \Rightarrow d \leq -m$$

$$\Rightarrow m^r - 9m + m, m^r - dm \leq 0, m \rightarrow 0 \Rightarrow d \leq 0 \Rightarrow \boxed{d \leq 0}$$

$$\Rightarrow y_1: n^r + 9n + d \Rightarrow \left\{ \begin{matrix} n \leq -1 \\ n \leq -d \end{matrix} \right\} \Rightarrow r = (-1) \Rightarrow \boxed{r}$$

$$y_2: n^r + (n-r)d \left\{ \begin{matrix} n \leq -d \\ n \leq r \end{matrix} \right\}$$