

$$\begin{array}{r} 4x + b = 0 \\ 4x = 4 \\ \hline b = -4 \end{array}$$

$\Delta < 0 \rightarrow F - f(p - m^2) \leq$
 $f - 1 + km^2 \leq f_m^* - f \leq$
 $m^2 - 1 \leq \rightarrow m^2 \leq 1$
 $-1 \leq m \leq 1$

اهداف ← ۲
 جواب ←

$$\begin{aligned} [n] + [-n] + 1 &\neq 0 & \text{I} \\ [n] + [-n] &\neq -1 & \text{II} \\ n \in \mathbb{Z} & & \text{III} \end{aligned}$$

$$\text{ii)} \quad x^p + x^q \geq 0 \quad \text{for } x \in (-\infty, +\infty) \cup (-1, 0] \cup \{0\}$$

جواب) $|x-2| - 3 \geq 0 \rightarrow |x-2| \geq 3$ $x-2 \geq 3$ $x-2 \leq -3$ $[-\infty, -1] \cup [5, +\infty) = P_f$
 $x \geq 5$ $x \leq -1$

لـ) $f - |x - a| \geq \cdot \rightarrow |x - a| \leq f - f, x - a \leq f$ $\neq \partial_f = [-r, r]$
 $-f \leq x \leq r$ $r \geq a \geq -f$

(الف) $\frac{1}{\alpha} \leq |n| \leq 1 - \alpha$ $\alpha \in (-1, 1)$

ب) $\psi = |n - \omega\rangle$. $|n - \omega| \leq \psi$ $-\psi \leq n - \omega \leq \psi$ $\psi \leq n \leq 1$ $\textcircled{I}$ $[\psi, 1] - \{\psi, 1\}$

$$p - |m - \omega| \neq 1 \quad |m - \omega| \neq \gamma - \gamma \neq n - \omega \neq \gamma \neq n \neq \gamma$$

(الف) $\cos m \neq 0 \rightarrow R = \{k\pi + \frac{\pi}{4}\}$

b.) $r \cos u - 1 \neq 0 \rightarrow r \cos u \neq 1 \rightarrow \cos u \neq \frac{1}{r} \rightarrow R = \left\{ u \mid u < \pi + \frac{\pi}{r}, u < \pi - \frac{\pi}{r} \right\}$

الف) $|2n+1| - |n+3| \neq 0 \rightarrow |2n+1| \neq |n+3|$ (جواب قيمت ب) $(-\infty, -\frac{4}{3}] \cup [2, +\infty)$

$$(r_{n+1})^r \neq (n+r)^r \rightarrow k_n^r + 1 + k_n \neq n^r + r + y_n \quad R = \left\{ r, -\frac{\varepsilon}{r} \right\}$$

$$\begin{aligned} & \text{ب) } (|u+1| - |u+3|) \geq -\frac{1}{2} \cdot 2 \\ & |u+1| \geq |u+3| \\ & |u+1| + \varepsilon \geq |u+3| + \varepsilon \quad (\text{با } \varepsilon = 0) \\ & |u+1| - |u+3| \geq -\frac{1}{2} \cdot 2 \\ & |u+1| - |u+3| \geq -1 \quad (\text{با } \varepsilon = 1) \end{aligned}$$

$$x_n - 1 - y_n \neq 0$$

$$\mu^Y - \mu - \mu \varepsilon \neq \frac{\mu}{\mu} = 1$$

$$\frac{\mu}{\mu} = 1$$

$$24 \times 1 > 24$$

$$r_m > 1 \rightarrow m > \frac{1}{r} \quad (I)$$

$$r_{n-1} > 1 \rightarrow \log(r_{n-1})$$

$$\log_{\omega} (r_n - 1) > \left(\frac{\Delta}{T_1} \right) \cdot \log_{12} (r_n - 1)$$

$$\log (y_u - 1)$$

$$r_n - 1 < \infty$$

$$r_m \leq r, r_n \leq r \rightarrow r \leq r \quad \textcircled{\text{IV}}$$

$$\text{d)} \log(r \cos \theta + 1) \quad \underline{r \cos \theta + 1 > 0} \rightarrow r \cos \theta > -1 \rightarrow \cos \theta > -\frac{1}{r}$$

$$P_f = \left[\frac{1}{2} k T - \frac{1}{2} \frac{k T}{\beta} \quad \frac{1}{2} k T + \frac{1}{2} \frac{k T}{\beta} \right]$$

ب) $\log \frac{x-1}{x+1} \geq \dots$ $\frac{x-1}{x+1} \geq 1$ $\frac{x-1-x-1}{x+1} = \frac{-2}{x+1} \geq \dots$ $\rho_{f^{-1}} = (-\infty, -1)$

$$\textcircled{1}_{n-1}$$

$$\frac{1}{n+1} > 0 \rightarrow \frac{-1}{+5-0+}$$

$$[1, +\infty) \cup (-\infty, -1) \quad (I)$$

$$(-\infty, -1) \cup (1, \infty)$$