

دریا دمانی در رستم

$$M_2 = \mathbb{R} - \left\{1, \frac{1}{x}, -x\right\}$$

$$D_f = \mathbb{R} - \left\{ \frac{1}{r}, -r, -1 \right\}$$

$$\frac{n+1}{(n-n+1)(n-1)} \rightarrow n_f = 11 - \{1\}$$

$$D_f = (-\infty - \epsilon] \cup (1 + \infty)$$

$$D_f \subseteq \mathbb{R} - \{1, 2, \infty, -1\}$$

1) $r_{n+1} \neq n+1 \longrightarrow a \neq r$

$$r) \quad r_{n+1} \neq -r - a \longrightarrow r_n \neq -\Sigma \longrightarrow a \neq -\frac{\Sigma}{2}$$

$$|r_{n+1}| - |n+c| \geq \dots \rightarrow |r_{n+1}| \geq |n+c|$$

⑤ $x_{n+1} \cancel{\leftarrow} x_n \rightarrow x_{n-1}$

$$D_f, (-\infty, -\frac{\epsilon}{\zeta}] \cup [r+\omega)$$

(5)

۳)

$$u > \frac{1}{r} \quad D_f = \left(\frac{1}{r} + \infty \right)$$

Year. Month. Date. ()

$$f(n) = \sqrt{\log_2 (n-1)}$$

$$1) \forall n \in \mathbb{N}, n \geq 1 \rightarrow a_n > \frac{1}{p}$$

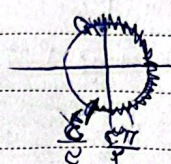
2) $\log_a^{r_{n-1}} \rightarrow r_{n-1} \rightarrow a \rightarrow 1$ ✓

$D_L = (1 \quad 1)$

$$3) \log_{1.98} \geq \dots \rightarrow \log_{1.98}^{k_{n-1}} < 1 \rightarrow k_{n-1} \leq 2 \rightarrow n \leq c$$

جواب ۱) $y = \log(r \cos \theta + 1) \rightarrow r \cos \theta + 1 = 0 \rightarrow r \cos \theta = -1 \rightarrow \cos \theta = -\frac{1}{r}$

$$D_f = \left(\mu_k \pi - \frac{\pi}{c}, \mu_k \pi + \frac{\pi}{c} \right)$$



$$y = \sqrt{\log \frac{x-1}{x+1}} \rightarrow \frac{x-1}{x+1} > 0 \rightarrow \frac{-1}{+} \frac{+1}{-}$$

$$\begin{array}{r} -1 \quad +1 \\ \hline -3 \quad -6 \quad + \end{array}$$

$$\lg \frac{a-1}{a+1} > \dots \rightarrow \frac{a-1}{a+1} > 1 \rightarrow \frac{a-1-a-1}{a+1} > \dots \rightarrow \frac{-2}{a+1}$$

$$\frac{-1}{+6-} \} Df = (-\infty -1)$$

$$f(n) = \sqrt{(a+r)n^r + an + b} \rightarrow (a+r)n^r + an + b \geq 0 \rightarrow n \in (-\infty, \dots]$$

Q5 - 1

$$-9x + b \geq 0 \rightarrow -9x + b \geq 0 \rightarrow \underline{b \geq 9x}$$

$$f(x) = \sqrt{x^r + px + p - m}$$

$$D_f = IR \quad a^T + Ra + I - m^T \geq 0 \rightarrow \Delta \ll 0 \rightarrow b - 2ac \ll \rightarrow (4)^T - \Sigma(1)(I - m^T) \ll$$

$$r = n + \sum m_i d_i \rightarrow \sum m_i = \sum d_i \rightarrow n = 1 \rightarrow (m-1)(m+1) d_i$$

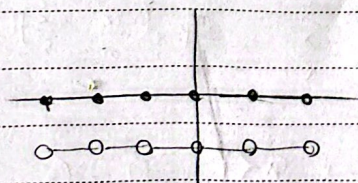
$$\boxed{1 - (-1) = 2}$$

$-1 \quad 1 \quad 1$ $\begin{pmatrix} -1 & 1 \\ +1 & -1 \end{pmatrix}$

$$f(x) = \frac{\sqrt{1-x^2}}{[x] + [-x] + 1}$$

$$\varepsilon - n^2 \geq 0 \rightarrow (r-n)(r+n) \geq 0$$

$$\begin{array}{r} -2 \quad 2 \\ + \text{ } \text{ } + \text{ } - \end{array}$$



$$P_f = \{-1, -1/2, 0, 1/2, 1\}$$

$$[x]_7 + [-x]_7 + 1 \neq 0 \rightarrow x \in \mathbb{Z}$$

۵ عدد صحیح قرار دارد.