

Subject: ()

$$a^r + r a = a^r - f \rightarrow r a = -f \rightarrow a = -\frac{f}{r} \quad (1)$$

$$f(r) = \frac{f+a}{f-b} = r \rightarrow f+a = r f - r b \quad g(r) = f+b = r - b = -1 \quad (2)$$

$$f+a = r f - r(-1) = a = 1 \quad f(1) = \frac{x^r + 11}{r x + 1} = \frac{1+11}{r+1} = \frac{12}{r} = \frac{f}{r}$$

$$\begin{aligned} x-1 \quad r(-1)^r - a + b = 0 \\ r(f)^r + f a + b = 0 \end{aligned} \rightarrow \begin{cases} -r + a - b = 0 \\ r^2 + f a + b = 0 \\ r^0 + 0 a = 0 \\ a = -9 \end{cases} \rightarrow b = -1 \quad (3)$$

$$f(1) = \frac{f+1}{r-9-1} = \frac{10}{-12}$$

$$-(rx+r)^r = -(fx^r + f+rx) = -fx^r - rx - f \quad \left. \begin{aligned} a+b = \\ -1-f = -12 \end{aligned} \right\} \quad (4)$$

$$\Delta < 0 \rightarrow m^2 - f < 0 \quad m^2 < f \rightarrow -r < m < r \quad (5)$$

$$\text{if } -r = m \rightarrow x^r - rx + 1 = 0 \rightarrow (x-1)^r = 0 \rightarrow -r \leq m < r \quad [r, r)$$

$$f - \frac{1}{x^r} \geq 0 \rightarrow f \geq \frac{1}{x^r} \rightarrow \frac{1}{f} \geq x^r \rightarrow x \geq \frac{1}{f}, x \leq -\frac{1}{f} \quad (9)$$

$$x^r \neq 0 \rightarrow x \neq 0 \rightarrow x \cdot D_f = (-\infty, -\frac{1}{f}] \cup [\frac{1}{f}, +\infty)$$

$$mx^r + rmx + 1 = 0 \rightarrow \Delta \leq 0 \rightarrow f_m^r - f(m)(1) \leq 0 \quad (10)$$

$$f_m^r - f_m \leq 0 \rightarrow \frac{m}{0} (f_m - f) \leq 0 \quad \begin{array}{c} + | - | + \\ \hline \end{array} \quad m \in [0, 1]$$

$$f\left(\frac{1}{f}\right) + k = r\left(\frac{1}{f}\right)^r + 1 \rightarrow k = 0$$

$$rx - 1 \neq 0 \rightarrow rx \neq 1 \quad (11)$$

$$a + k = 0 \rightarrow \frac{1}{f} \neq \frac{1}{f} \rightarrow a = \frac{1}{f}$$

$$r\left(-\frac{r}{f}\right)a + r = r\left(-\frac{r}{f}\right) + b \rightarrow -ra + r = -r + b \quad (12)$$

$$\text{if } x = 1 \rightarrow r(1) + b = \frac{q(1) - f}{r(1) + r} \rightarrow r + b = 1 \rightarrow b = -r$$

$$-ra + r = -r - r \rightarrow -ra = -r$$

$$a = r$$

$$a - b = r - (-r) = 2r$$

$$ra^r + ra = r + r \rightarrow ra^r + ra - f = 0 \rightarrow a^r + a - r = 0 \quad (13)$$

$$(a-1)/(a+r) = 0$$

$$\left. \begin{array}{l} a = 1 \\ a = -r \end{array} \right\}$$