

subject

تکلیف 25

19

آزمون تشریحی

$$y = 1 - \log_c(ax - b) \quad b + cs = \frac{-r}{r} \quad y = 1 - \log_c c \quad (ax + b) \quad ①$$

$$(نقطه اول) \quad 1 - \log_c^{-b} = r \quad \log_c^{-b} = -1 \quad c^{-1} = b \quad ⑤$$

$$\frac{1}{c} = -b \quad y = 1 - \log_c^{-\frac{r}{r}a - b} = 0 \quad \log_c^{-\frac{r}{r}a - b} = +1$$

$$c + b = \frac{-r}{r}a \quad a = +1 \quad \frac{-1}{c} + cs = \frac{c^r - 1}{c} = -\frac{r}{r}$$

$$rc^r + rc - r = 0 \quad a = \frac{1}{r}, \quad b = -r \quad (a + c)b = -r$$

$$(0, \frac{r}{r}) \quad 1 + r^a \times c = \frac{r}{r} \quad c \times r^a = -r \rightarrow c = -\log_c a = -1 \quad ②$$

$$(1, 1) \quad 1 - 1 \times r^{+b-1} = 0 \quad 1 = r^{-1+b} \quad -1 + r = 0 \quad b = 1 \quad ⑤$$

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

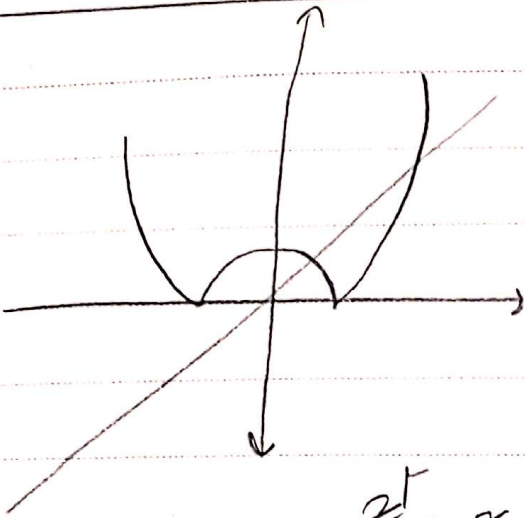
$$r = c + \log_w^b \quad -c = \log_w^{r/a + b} \quad ③$$

$$\log_w^b - \log_w^{r/a + b} = r \quad \log_w^{\frac{b}{r/a + b}} = r \quad ⑤$$

$$\frac{b}{r/a + b} = r \quad r/a + b = \frac{b}{r}$$

$$\frac{a}{b} = \frac{-r}{10}$$

subject _____



$$|x^r - r| - x > 0 \quad (P)$$

$$|x^r - r| > x \quad |x^r - r| \leq x$$

$$(x-r)(x+1) \leq 0$$

$$x \rightarrow r \quad \checkmark$$

$$x \rightarrow -1 \quad \checkmark$$

$$x^r + x - r \leq 0 \quad (x+r)(x-1) \leq 0$$

$$Df \leq (-\infty, 1) \cup (r, +\infty)$$

$$g(1) \leq f(1) \rightarrow -1 - r + r \leq r \quad b-a \quad (Q)$$

$$1 \leq r + r \quad b+a \rightarrow b+a \leq r$$

$$r(r) - (1) \leq \frac{r}{r} \quad \frac{r+1}{r} \leq r \quad \frac{r}{r} \leq 1 \quad a$$

$$x=1 \quad 0 \leq -r + \binom{1}{r}^{A+B} \quad r \leq r \quad -A-B \quad A+B \leq 1 \quad (Y)$$

$$x \leq r \quad r \leq -r + r \quad -rA-B \rightarrow -r \leq rA+B$$

$$(A+B \leq 1) \times -1 \rightarrow -A-B = r+1$$

$$rA+B \leq -r \quad rA+B \geq -r$$

$$f(0) \leq -r+r \quad x$$

$$A \leq -1 \quad B \leq 0$$

$$f(r) \leq r$$

subject _____

$$M(A) = \pi_0 \times \left(\frac{1}{9}\right)^{\frac{A}{90}} = \frac{1}{9} \times \left(\frac{1}{9}\right)^{\frac{A}{90}} = \frac{1}{9} \quad (v)$$

$$\log \omega = \frac{1}{\log \pi} = \frac{\omega}{\pi} \quad \log \pi = \frac{1}{\log \omega} = \frac{\omega}{\nu}$$

$$\log \pi = \frac{1}{\log \pi} = \frac{\omega}{\pi} \quad \log \nu = \frac{1}{\log \nu} = \frac{\omega}{\pi} \quad (5)$$

$$\log \frac{1}{9} = \frac{A}{90} \quad \frac{A}{90} = \frac{\log \frac{1}{9}}{\log \omega} = \frac{\log \omega - \log \omega^9}{\log \omega - \log \omega^9}$$

$$0 - \log \omega^9 + \log \omega^9$$

$$\log \omega^{\frac{9}{9}} = \log \omega^9 - \log \omega^9$$

$$\pi \log \omega - \pi \log \omega$$

$$\frac{-\omega}{\nu} - \frac{\omega}{\pi} = \frac{19}{\pi}$$

As a minute

$$M(A) = \pi^{\nu} \times \frac{\nu}{\pi} = \frac{1}{\nu} \times \log \frac{1}{\nu} = \frac{A}{\nu} \quad (1)$$

$$\frac{A}{\nu} = \frac{\log \frac{1}{\nu}}{\log \frac{\nu}{\pi}} = \frac{\log \pi - \log \nu}{\log \nu - \log \pi} = \frac{-\omega}{\frac{\omega}{\pi} - \frac{1}{\pi}}$$

SN → As a day

$$\log \pi = \frac{1}{\log \pi} = \frac{\omega}{\pi} \quad (5)$$

$$\log \nu = \frac{1}{\log \nu} = \frac{\omega}{\pi}$$

subject _____

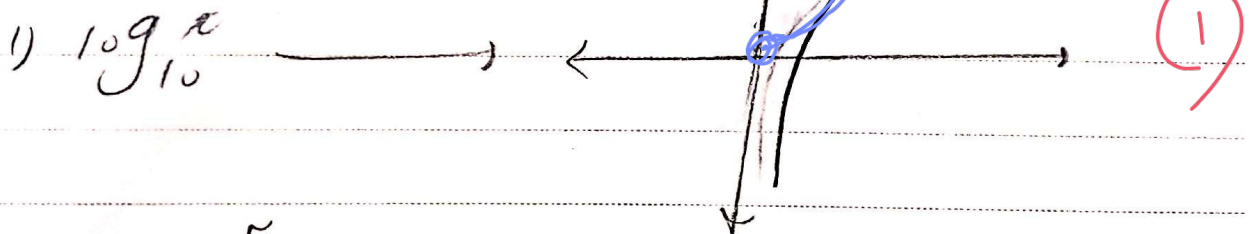
$$M(A) = x \left(\frac{99}{100} \right)^A = \frac{1}{x} \ln \log \frac{99}{100} \leq A \quad (9)$$

$$\frac{\log \frac{1}{x}}{\log \frac{99}{100}} \rightarrow \frac{-\log x}{\log 99 - \log 100} = \frac{-\log x}{\log 99 + \log 10^{-2}}$$

$$\leq \frac{-0.141}{1.02 + 0.141 - 2} = \frac{-0.141}{-0.039} = 3.6 \quad (5)$$

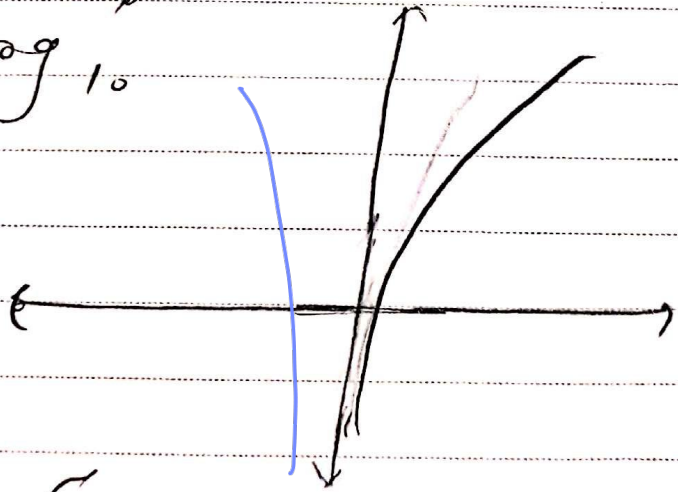
$$y = 9 \log x^2 = x^2 \rightarrow \text{cambin/line} \quad (10)$$

$$y = \log_{10} x^2 = 2 \log_{10} x \quad D = (-, +\infty)$$



2) $\log_{10} x^2 = 2 \log_{10} x$

$D = \mathbb{R} - \{0\}$
 هر دو از سمت راست
 در یک راست
 هستند



۱. هر دو از سمت راست