

Subject:
 Year: Month: Date:

903

آرین شفا در کمال

$$\frac{r_1 - r_0}{r} \leq r_1 d \quad V_n + r_1 r_0 a \quad (1) \quad 25 \text{ ام}$$

$$\Rightarrow V_n \leq 175 \text{ و } a \leq 20$$

$$101, 101, \dots, 99V \quad (2) \quad 26 \text{ ام}$$

$$V_n + 99 \leq 99V \Rightarrow V_n \leq 90V \Rightarrow n \leq 129$$

$$a + r \quad (3) \quad 27 \text{ ام}$$

$$a_n + d + a_n + r d + a_n + r d \leq a_n + r d \leq -r n + r$$

$$\Rightarrow r(a_n + r d) \leq r(-r n + r)$$

$$\Rightarrow a_n + r d \leq -r n + r \leq -r n + r \leq a_n \quad \left\{ \begin{array}{l} -1 - 24 \leq -24 \\ -1 - 24 \leq -24 \end{array} \right.$$

$$\Rightarrow a_n + r d \leq -r n + r \leq -r n + r \leq a_n$$

$$a + r \quad (4) \quad 28 \text{ ام}$$

$$r - r + 1 \leq r - r - r$$

$$r \leq r + r - r - r$$

$$r \leq r(r + 1 - r - r) \Rightarrow r \leq r(r - r) \Rightarrow r \leq r \Rightarrow r + 1 + r \quad (28)$$

$$a_1 + r d = a_1 \leq a_1 d, r/a \quad (5) \quad 29 \text{ ام}$$

$$\Rightarrow a_1 + r d + a_1 \leq r d \leq r a_1 + d \Rightarrow a_1 \leq 10$$

$$\Rightarrow a_1 + 11d \leq 10 + r/a \leq r/a$$

$$\frac{r(a_1 + r d)}{r} \leq \frac{1}{r} \Rightarrow a_1 + r d \leq r a_1 + r d \quad (6) \quad 30 \text{ ام}$$

$$\Rightarrow a_1 \leq r d$$

$$\Rightarrow a_1 \leq \frac{1}{r} d$$

$$\Rightarrow a_1 \leq \frac{a_1 + d}{a_1} \leq \frac{r}{1} d \Rightarrow \frac{r}{1} d$$



$$\frac{t}{n} = \frac{t}{n} - v_d + w \quad -v_d + 10 \text{ s}$$

∴ d, w

$$\text{بـ } f_0 (v)$$

$$\therefore (t_g - t_0)(t_g + t_0) = \frac{(\frac{t}{v} + v_d - \frac{t}{v} + v_d)(\frac{t}{v})}{t_v} \quad f_d \times v = n d, t_0$$

~~t_v~~

$$\frac{v(1 - \sqrt{3})}{t_1} \quad \dots \quad \frac{v + \sqrt{3}}{t_{1f}}$$

$$\sqrt{3} (1)$$

$$\frac{v + \sqrt{3} - v + \sqrt{3}}{1v} \quad \frac{1\sqrt{3}}{1v} \quad \sqrt{\frac{3}{v}}$$

$$\frac{v}{t_1} \quad \dots \quad \frac{v}{t_{1f}} \quad \dots \quad \frac{v}{t_{1f} - 1}$$

∴ f_n - v

$$v (9)$$

$$\frac{v_0 - v}{f_n - v} = \frac{9}{n} \quad \dots \quad \frac{v_0 - v}{f_n - v} = \frac{9}{n}$$

∴ f_n - v

$$\frac{t}{n} + t_{n+f} = \frac{t}{v} + t_{1v}$$

$$\text{بـ } f_0 (10)$$

$$\therefore v_n + f = v_0 \quad \frac{t_n}{t_f} = \frac{t_f + f_d}{t_f} \quad \dots$$

∴ n, n

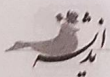
$$v t_f = t_f + f_d \quad \dots \quad v t_f = f_d$$

∴ t_f = f_d

∴ t_n = f_d

t_n + t_n + f_d = 17 d s

d = 1/v_d



$$t_f = 1/v_d$$

$$t_f = 1/v_d$$

$$t_f = 0$$