

(A, 5)

کلید ۱۱

فصل هفتم

بازده دقت B

تیر

۴

پیشینه

June 25.30 زمستان الفزاری

(1)

$$\frac{m+5}{8} = \frac{1+\sqrt{5}}{2}$$

$$2m+10 = 8+4\sqrt{5} \quad 2m = 4\sqrt{5}-2$$

$$m = 2\sqrt{5}-1$$

$$m = 2\sqrt{5}-1 \quad \frac{5+2\sqrt{5}-1 \times 8}{5 \times 8} = \boxed{\frac{1+2\sqrt{5}}{5}}$$

(5)

$$\frac{\sqrt{m^2+y^2}}{m} = \frac{1+\sqrt{5}}{2}$$

$$\frac{m^2+y^2}{m^2} = \frac{(1+\sqrt{5})^2}{4}$$

$$\frac{y^2}{m^2} = \frac{(1+\sqrt{5})^2-4}{4} \quad (2)$$

$$\frac{y^2}{m^2} = \frac{1+2+2\sqrt{5}-4}{4} = \frac{1+\sqrt{5}}{2}$$

$$= \frac{1+\sqrt{5}}{2}$$

$$\frac{m^2}{y^2} = \frac{2}{1+\sqrt{5}}$$

(5)

$$(m + \sqrt{4m^2+4a}) < 2$$

$$4m^2+4a + \sqrt{4m^2+4a} - 14a + 8$$

(3)

$$\rightarrow (a - \frac{14}{\sqrt{5}})(a - \frac{2}{\sqrt{5}}) \quad a < \frac{2}{\sqrt{5}} \rightarrow \text{در بازه اول}$$

(5)

$$\frac{\frac{2}{\sqrt{5}}+1}{\frac{2}{\sqrt{5}}} = \frac{\frac{9}{\sqrt{5}}}{\frac{2}{\sqrt{5}}} = \boxed{\frac{9}{2}}$$

$$\frac{3\sqrt{m+1} - \sqrt{m^2-1} - \sqrt{m^2-1} - 3\sqrt{m-1}}{10-m} = \sqrt{\frac{m-1}{m+1}}$$

$$\frac{\sqrt{m-1}}{\sqrt{m+1}} = \frac{(-1)\sqrt{m-1}}{9-m+1} = \frac{-(m-1)}{m-1}$$

(A, 5)

$$-2\sqrt{m-1}\sqrt{m+1} = (10-m)\sqrt{m-1}$$

$$\sqrt{m+1} = \frac{m}{2} - 2$$

$$m^2 - 4m - (2 \times 4) = 0$$

$$\rightarrow x^2 - 4x + 4 = 0$$

$$\rightarrow x = 2 \pm 0$$

$$\rightarrow x = 2$$

$$\rightarrow x = 2$$

$$\rightarrow x = 2$$

$$\rightarrow x = 2$$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

$$p = \frac{-(2 \times 4 \times 4)}{1} = -$$

$$S = \frac{4}{1} = +$$

در روش مشتق انداز
تفاوت از آنجا بیان قبول
در روش

تیر

دوشنبه

۵

سؤال المکرم 1, 26 June

$$\frac{2 - \sqrt{2-m} - \sqrt{2-m} - 2}{2 - 2 + m} = \frac{-2\sqrt{2-m}}{2+m} \leq \frac{2-m}{2\sqrt{2-m}} \quad (5)$$

$$2 - m^2 = -10(2-m) \quad m^2 + 10m - 24 \leq 0$$

$$(m+12)(m-2) \leq 0 \quad m \begin{matrix} \nearrow -12 \\ \searrow 2 \end{matrix} \times$$

مجموع ضروف نه قبل است

جواب ندارد

$$\left(\frac{1}{m} + \frac{1}{1-m}\right)^2 - 2\left(\frac{1}{m} \times \frac{1}{1-m}\right) = \left(\frac{1}{m-m^2}\right)^2 - \frac{2}{m-m^2} = \frac{140}{9} \quad (6)$$

$$t^2 - 2t + 1 = \frac{140}{9} + 1 \quad (t-1)^2 = \frac{149}{9} \quad t-1 = \pm \frac{\sqrt{149}}{3}$$

$$t \begin{matrix} \nearrow \frac{14}{3} \\ \searrow -\frac{10}{3} \end{matrix} \quad \frac{1}{m-m^2} = \frac{14}{3} \quad m_1 = 1 \quad \frac{1}{m-m^2} = -\frac{10}{3} \quad m_2 = 1$$

$$1+1=2$$

فاکتور میزن

$$-m^2 + 4 - 1 \leq 0 \Rightarrow (m-2)(m-3) \leq 0 \quad \frac{2}{1} \quad \frac{4}{1} \quad \frac{2}{1} \quad \frac{4}{1} \quad (7)$$

$$+m^2 - 4m^2 - 24m + 100 \leq 0 \Rightarrow 2m(m^2 - 24) - 4(m^2 - 24) \quad (8)$$

$$(m-3)(m+5)(m-8) = 0 \quad -\frac{3}{1} \quad \frac{5}{1} \quad \frac{8}{1} \quad (9) \quad P \cap Q = \{4\}$$

$$m \geq 4 \rightarrow \text{کمی جواب}$$

$$\begin{array}{c|c|c} -r & 1 & \\ \hline -m-r & m+r & m+r+m-1 \\ m-1 & +1 & \\ \hline -r(m-1) & r & r(m+1) \end{array}$$

①

$$\begin{cases} ry+m=1 \\ y+rm=1 \end{cases}$$

$$\underline{m=-2}$$

$$y=v \Rightarrow B$$

$$\begin{cases} ry+m=1 \\ y+rm=1 \end{cases}$$

$$\sqrt{(-2-r)^2 + (v-0)^2}$$

$$\frac{vm=1}{m=r}$$

$$y=a \Rightarrow A$$

$$\sqrt{ry+2} = \sqrt{2}$$

②

$$\sqrt{m^2-2m+2} = |m-r|$$

$$\begin{cases} m \geq r & m-r \\ m \leq r & -m+r \end{cases}$$

$$\begin{cases} y+m=r \\ -y+\frac{m}{r}=1 \end{cases}$$

$$\frac{r}{r} m=0$$

$$m=0$$

$$y=r$$

$$\begin{cases} y-m=-r \\ -y+\frac{m}{r}=-r \end{cases}$$

$$-\frac{1}{r} m=-2$$

$$m=1$$

$$y=r$$

$$\frac{|r+m-r|}{\sqrt{r}} = \sqrt{r}$$

$$BC = \sqrt{r+2} = r\sqrt{r}$$

$$S = \frac{r\sqrt{r} \times r\sqrt{r}}{r} = \underline{r^2}$$

$$\frac{1}{m} + \frac{1}{m+1} = \frac{1}{r_0} \Rightarrow r_0 m + 1 + r_0 m = m^2 + m$$

⑩

$$m^2 - r_0 m - 1 = 0 \quad (m-r_0)(m+1) = 0$$

⑤

$$\frac{m}{m+1} = \frac{r_0}{r_0+1}$$

$$G \bar{A} \bar{E}$$

1	2	3	4	5	6
A	V	F	D	F	F
10	11	12	13	14	15
16	17	18	19	20	21
22	23	24	25	26	27