

Subject:  $\gamma$  cub

Day: Month: Year:

وہ ہے  
C)  $\sqrt{a+1} - \sqrt{a-1}$

میں سے

$$(1 + \gamma + 0 + \dots + 0) (\gamma + \epsilon + 0 + \dots + 0) =$$

$$\gamma \times \gamma =$$

( $\gamma$ )

( $\gamma$ ) ✓

(1)

( $\gamma$ )

$$\text{ع) } \sqrt[3]{(\gamma + \sqrt{\gamma}) - 1} - \sqrt[3]{(1 + \sqrt{\gamma})^\gamma} = \epsilon \sqrt{\frac{1 + \gamma + 2\sqrt{\gamma}}{\epsilon + \sqrt{\gamma}}} = \sqrt[3]{\frac{1 + 2\sqrt{\gamma}}{\epsilon + \sqrt{\gamma}}}$$

$$\sqrt[3]{\gamma}$$

✓

$$\text{د) } \frac{\sqrt{\gamma + \sqrt{a}}}{\sqrt{1 + 2\sqrt{\gamma - \gamma}}} (\sqrt{\gamma - \sqrt{a}} - \sqrt{\gamma + \sqrt{a}}) =$$

$$\frac{\cancel{\gamma\sqrt{a}}}{\cancel{\sqrt{1 + 2\sqrt{\gamma - \gamma}}} - 2\sqrt{\gamma} + \cancel{\sqrt{a}} - \cancel{\sqrt{a}}} (\sqrt{\gamma - \sqrt{a}} - \sqrt{\gamma + \sqrt{a}})$$

( $\gamma$ )

~~1. e~~

$$\frac{1}{\gamma} \frac{\gamma\sqrt{\gamma}}{\gamma\gamma} (\sqrt{\gamma - \sqrt{a}} - \sqrt{\gamma + \sqrt{a}}) =$$

$$\sqrt{\frac{\gamma - \gamma\sqrt{a}}{(\sqrt{a} - 1)\gamma}} = \sqrt{\frac{\gamma + 2\sqrt{a}}{\gamma}} = \frac{\sqrt{a} - 1 - \sqrt{a} - 1}{\gamma}$$

$$1) \frac{2\sqrt{2} + 2\sqrt{2} \times (2+\sqrt{2})}{2 - \sqrt{4} \times (2+\sqrt{2})} - 2(\sqrt{2}-1)^{-1} = \frac{19\sqrt{2}}{2 - 4\sqrt{2}}$$

$$-2(\sqrt{2}-1)^{-1} = \frac{2(\sqrt{2}+1)}{\sqrt{2}-1(\sqrt{2}+1)} = \frac{2(\sqrt{2}+1)}{1-2} = -2(\sqrt{2}+1)$$

$\sqrt{2} = 1$  ✓

$$2) \frac{2\sqrt{2} - 1(2-\sqrt{2})}{2 + \sqrt{2}(2-\sqrt{2})} + (2-\sqrt{2})^{-1} = \frac{12\sqrt{2} - 9 - 2 + \sqrt{2}}{14 - 2\sqrt{2}}$$

$$\frac{1(2+\sqrt{2})}{2-\sqrt{2} \times (2+\sqrt{2})} = \sqrt{2} + 1 + \frac{2+\sqrt{2}}{2-\sqrt{2}}$$

A (E)

$$3) \frac{\sqrt{1+\sqrt{2}} + \sqrt{\sqrt{2}-1}}{\sqrt{\sqrt{2}-\sqrt{2}}} - 2 = \sqrt{4+2-2} = \sqrt{4}$$

$$A^2 = \frac{2+\sqrt{2} + \sqrt{2} - 1 + 2\sqrt{2-2}}{\sqrt{2}-\sqrt{2}} = \frac{2\sqrt{2} + 2\sqrt{2} \times (\sqrt{2}+\sqrt{2})}{\sqrt{2}-\sqrt{2}(\sqrt{2}+\sqrt{2})}$$

$$\frac{4 + 2\sqrt{4} + 2\sqrt{4} + 2}{1} = 10 + 2\sqrt{4} = (\sqrt{4} + 2)^2 \Rightarrow A = \sqrt{4} + 2$$

Subject.

Day. Month. Year.

$$\begin{aligned}
 & \text{C) } \sqrt[r]{y^r} \times \sqrt[r]{y^r} \times \sqrt[r]{y^r} \times \sqrt[r]{y^r} \times \sqrt[r]{y^r} \\
 & y^{\frac{r}{r}} \times y^{\frac{r}{r}} \times y^{\frac{r}{r}} \times y^{\frac{r}{r}} \times y^{\frac{r}{r}} = y \times y^{\frac{\Lambda+r+1}{r}} = (12)
 \end{aligned}$$

$$\begin{aligned}
 & \mu^a (1 + \frac{r}{\epsilon} + 9 + \Lambda + \frac{r}{9} + \frac{r}{r}) \\
 & \mu^{a-r} (1 + \epsilon + \Lambda + 9 + \frac{r}{r}) = y \times 10
 \end{aligned}$$

$$\frac{\mu^a \times \frac{r}{9}}{\mu^{a-r} \times 9} = \frac{r}{1} \times \frac{1}{r} \Rightarrow \mu^a = \mu^{a-r} \times r^r$$

$$a - r = 0$$

$$a = r$$

$$(a+b)^r (a-b)^r = t (r-\sqrt{r})$$

$$(a^2 - b^2)^r = t (r-\sqrt{r})$$

$$(\sqrt{4} - 2 - \sqrt{4} + 2)^r = t (r-\sqrt{r})$$

$$(\sqrt{4} - 2 - \sqrt{4} + 2)^r = t (r-\sqrt{r})$$

$$t = \frac{r^2}{r-\sqrt{r}}$$

(15)

پایین صفحہ ہونے

$$(r)^r = t (r-\sqrt{r})$$

$$r^2 = t (r-\sqrt{r}) \Rightarrow$$

$$\left( \left( a + \frac{1}{a} \right)^r - r \right)^r = r^r = \left( a^r + \frac{1}{a^r} + r \right)^r = \left( a + \frac{1}{a} \right)^r \quad \textcircled{v}$$

$$\left( r - \sqrt{r} + \frac{1}{r - \sqrt{r}} \right)^r = \left( r - \sqrt{r} + r + \sqrt{r} \right)^r = r^r = r^r$$

$\textcircled{v}$  ✓  $t = \varepsilon$

$$a = \sqrt[r]{(r - \sqrt{r})^r} = \sqrt{r - \sqrt{r}}$$

$$A = r^{\frac{r}{a}} \times r^{\frac{\varepsilon}{1d}} \times r^{\frac{\varepsilon}{r}} = r^{\frac{r + \varepsilon + r}{1d}} = r^r \quad \textcircled{\wedge}$$

$$(rA)^{-\frac{1}{r}} = \frac{1}{r} \quad \textcircled{v} \quad \textcircled{\wedge}$$

$$\sqrt[r]{a} = r^r \times a^{\frac{1d}{r}} \Rightarrow a^{\frac{1}{r}} = r^r \times a^{\frac{1d}{r}} \quad \textcircled{9}$$

$$a^{\frac{1}{r} - \frac{1d}{r}} = r^r \Rightarrow a^{-r} = r^r \Rightarrow a^{-1} = r^{\frac{r}{r}}$$

$$\frac{r\sqrt{r} - r}{1 + \sqrt{r}} = \frac{r\sqrt{r} - 9 - r + r\sqrt{r}}{1 - r} = \frac{9\sqrt{r} - 1r}{-r}$$

$\textcircled{1/b}$

$$4r - r\sqrt{r} = \frac{r\sqrt{r} - r}{\sqrt{r} + 1} \times \frac{\sqrt{r} - 1}{\sqrt{r} - 1} = \frac{r(r - r\sqrt{r})}{r}$$

$$\rightarrow r(r - \sqrt{r}) = 4 - r\sqrt{r}$$

Subject.....

Day..... Month..... Year.....

(10)

$$(\sqrt{a+a} + (\sqrt{a-a})) (\sqrt{a+a} - \sqrt{a-a}) =$$

$$a+a - a-a = r (\sqrt{a+a} + \sqrt{a-a})$$

$$\frac{a}{r} + r = \sqrt{a+a} + \sqrt{a-a}$$

$$\boxed{\frac{a}{r}} = \sqrt{a+a} + \sqrt{a-a} - r$$

Ⓟ ✓

$$((a-b)^r)^r ((a+b)^r)^r = (a^r - b^r)^r \quad -4$$

$$(\sqrt{4-r} + \sqrt{4+r} - r \sqrt{(\sqrt{4-r})(\sqrt{4+r})})^r = (r\sqrt{4-r} - r\sqrt{4+r})^r$$

$$r(1 - r\sqrt{3}) = 14(r - r\sqrt{3})$$

مقدار 14 است.