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JSTSE : PREVIOUS YEARS

(Mathematics : Quadratic Equations)

1. The value of the expression $\sqrt{2+\sqrt{2+\sqrt{2}}}$ + ...α is **(2012)**

(a) 2 (b) 3

(c) 4 (d) 10

Ans. (a)

2. If $x^2 + 7ax + 40$ and $x^2 + 2ax - 60$ has a common factor, then the value of 'a' is

(a) ±1 (b) ± 2 **(2014)**

(c) ±3 (d) ± 4

Ans. (b)

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