

Multiple Choice

Part - A

1) Which of the following satisfies $\frac{n^2 - n}{2n + 3} \geq 1$?

i) $n = 1$

ii) $n = 2$

iii) $n = -2$

iv) $n = 6$

2) Which of the following satisfies $6a + a < 15$?

i) $a = 2$

ii) $a = 4$

iii) $a = 2$

iv) $a = 5$

3) Which of the following satisfies $h + 3 < 0$?

i) $h = -3$

ii) $h = 3$

iii) $h = 0$

iv) $h = -2$

4) Which of the following satisfies $w - 2 < 2$?

i) $w = 4$

ii) $w = 2$

iii) $w = 0$

iv) $w = 2$

1) Which of the following satisfies $b^3 - 10 > -2$?

i) $b^3 - 10 > -2$

ii) $b^3 - 10 < -2$

iii) $b^3 - 10 = -2$

iv) $b^3 + 4 \geq 16$

2) Which of the following inequality is true at $m = -1$?

i) $\frac{-3m}{2} \leq 1$

ii) $\frac{m}{4} > 6$

iii) $\frac{5m}{6} \geq 2$

iv) $\frac{m}{3} < 3$

3) Which of the following inequality is true at $k = 6$?

i) $k + 7 \geq 12$

ii) $3k - 1 \leq -17$

iii) $8k + 7 < 30$

iv) $-6k + 10 > 26$

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