

## 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  $w - 2 < 0$ ?

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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