Name : _____

# Multiple Choice



## Part - A

1) Which of the following satisfies $(m^3 + 1)(n^2 - 4) \geq 5$?

i) $m = 2, n = 1$ ii) $m = -2, n = 1$ iii) $m = -1, n = 3$ iv) $m = -2, n = 2$

2) Which of the following satisfies $\frac{r - s}{2} > 3$?

i) $r = 1, s = -2$ iv) $r = 3, s = -1$

3) Which of the follov

i) $a = 2, b = -2, c =$ iv) $a = -3, b = -1, c = 1$

4) Which of the follov

i) $p = -2, q = -1$ iv) $p = -3, q = 5$

1) Which of the follov 1?

i) $\frac{x - 3y}{z} < 1$ iv) $\frac{z - 3x}{y} \geq 2$



2) Which of the following inequality is true at $c = 1$ and $d = 5$?

i) $cd(d - c) \leq -26$ ii) $cd(c - d) > 6$ iii) $cd(c - d) < -6$ iv) $cd(d - c) \geq 26$

3) Which of the following inequality is true at $u = 2$, $v = -4$ and $w = -1$?

i) $u^3 + v^2 - w > 3$ ii) $u^3 - v^2 + w \geq 3$ iii) $u^2 - v^3 + w < 3$ iv) $u^2 + v^2 - w \leq 3$

Name : _____

**Answer key**

## Multiple Choice

Multi Variables: S1

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