Name : _____

Multiple Choice

Multi Variables: S5

Part - A

1) Which of the following satisfies $x^3 + 3x - y^2 = 20$?

i) $x = -3, y = 4$ ii) $x = -4, y = -3$ iii) $x = 3, y = 4$ iv) $x = 3, y = -4$

2) Which of the following satisfies $\frac{p - q}{r} = 7$?

i) $p = 2, q = 0, r = -$ 2 iv) $p = -8, q = 6, r = 2$

3) Which of the follov

i) $m = -4, n = 12$ iv) $m = 7, n = -12$

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1) Which of the follov 2?

i) $u^2 + 2v - w = 8$ iv) $u^3 + 7uv - 3w = 54$

2) Which of the following equation is true at $x = 4$ and $y = -1$?

i) $x^2 - 2y = -18$ ii) $x^2 - 2xy = 22$ iii) $3x + 2y = 10$ iv) $\frac{x - 2y}{3} = -2$

3) Which of the following equation is true at $a = 3$, $b = -2$ and $c = 5$?

i) $\frac{a + c}{b} = -4$ ii) $-2a - 4b + c = 19$ iii) $a^3 - b^2 + 2c = -33$ iv) $a^2 + 3b + c = -8$

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Answer key

Multiple Choice

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