Name : _____

Multiple Choice

Single Variable: S1

Part - A

1) Which of the following satisfies $2x^2 + 5x = 7$?

i) $x = 1$ ii) $x = -2$ iii) $x = 5$ iv) $x = 0$

2) Which of the following satisfies $5u + 1 = -4$?

i) $u = 3$ ii) $u = 7$ iii) $u = \frac{1}{5}$ iv) $u = -1$

3) Which of the following satisfies $\frac{v}{2} - 2 = 1$?

i) $v = 2$ ii) $v = 6$ iii) $v = 10$ iv) $v = 30$

4) Which of the following satisfies $3m - 5 = 10$?

i) $m = -1$ ii) $m = 0$ iii) $m = -3$ iv) $m = 5$

Part - B

1) Which of the following equation is true at $s = 5$?

i) $s + 2 = 7$ ii) $s - 3 = 12$ iii) $2s + 5 = 23$ iv) $\frac{s}{5} - 1 = 8$

2) Which of the following equation is true at $r = -1$?

i) $r^2 + 2r = 3$ ii) $\frac{r}{5} + 5 = -8$ iii) $(r - 1)(2r + 1) = 2$ iv) $r^3 + 3r = -9$

3) Which of the following equation is true at $a = 2$?

i) $(a + 1)(5a - 3) = 2$ ii) $a^2 + 7a + 2 = 37$ iii) $\frac{2}{a} + 1 = -7$ iv) $\frac{3a - 2}{a} = 2$