SS1 MATHEMATICS EXAMINATION QUESTIONS FOR SECOND TERM 2023/24 SESSION.

- 1. Given that $(x+2)(x^2-3x+2)+2(x+2)(x-1)=$ (x+2)M. Find M.
 - a) (x + 2)(x 3)
 - b) x(x-2)
 - c) $x^2 x$
 - d) $x^3 + x^2 2x$
- 2. If $\frac{2(x-1)}{3} \frac{3(2x-1)}{4} = \frac{1}{2}$, find x?

 - a) $-\frac{1}{2}$ b) $-\frac{3}{5}$ c) -2

 - $\frac{23}{10}$
- 3. Find the values of x in $x^2 + 5x + 6 = 0$
 - a)1 or 6
 - b) 1 or -6
 - c) -2 or -3
 - d) 2 or 3
- 4. Find a quadratic equation whose roots 3 and -5?
 - a) $x^2 + 2x 15 = 0$
 - b) $x^2 + 5x + 6 = 0$
 - c) $x^2 + 5x + 3 = 0$
 - d) $x^2 + 3x 5 = 0$
- 5. Find the values of x in $x^2 + 2x 35 = 0$
 - a) 4 or 5
 - b) 5 or -7
 - c) -5 or 3
 - d) 9 or -15
- 6. Find the values of x in $x^2 + 4x + 3 = 0$

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