

## EXTENDED MATHEMATICS

### Instructions:

Please submit on A4 or ruled paper a single sheet with only the final answers for Q1, Q6, Q7, Q11 and Q12

$$\begin{aligned} 1) \quad -4x - 2y &= -12 \\ &4x + 8y = -24 \end{aligned}$$

$$\begin{aligned} 2) \quad 4x + 8y &= 20 \\ &-4x + 2y = -30 \end{aligned}$$

$$\begin{aligned} 3) \quad x - y &= 11 \\ &2x + y = 19 \end{aligned}$$

$$\begin{aligned} 4) \quad -6x + 5y &= 1 \\ &6x + 4y = -10 \end{aligned}$$

$$\begin{aligned} 5) \quad -2x - 9y &= -25 \\ &-4x - 9y = -23 \end{aligned}$$

$$\begin{aligned} 6) \quad 8x + y &= -16 \\ &-3x + y = -5 \end{aligned}$$

$$\begin{aligned} 7) \quad -6x + 6y &= 6 \\ &-6x + 3y = -12 \end{aligned}$$

$$\begin{aligned} 8) \quad 7x + 2y &= 24 \\ &8x + 2y = 30 \end{aligned}$$

$$\begin{aligned} 9) \quad 5x + y &= 9 \\ &10x - 7y = -18 \end{aligned}$$

$$\begin{aligned} 10) \quad -4x + 9y &= 9 \\ &x - 3y = -6 \end{aligned}$$

$$\begin{aligned} 11) \quad -3x + 7y &= -16 \\ &-9x + 5y = 16 \end{aligned}$$

$$\begin{aligned} 12) \quad -7x + y &= -19 \\ &-2x + 3y = -19 \end{aligned}$$