

**SECTION A(1) (35 marks)**

1. Simplify  $\frac{x^{-5}}{(x^{-4}y)^{-2}}$  and express your answer with positive indices. (3 marks)

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2. Make  $y$  the subject of the formula  $5y = (k - 5y)x$ . (3 marks)

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3. Factorize

(a)  $2m^2 - mn - n^2$  ,

(b)  $2m^2 - mn - n^2 + 2m - 2n$  .

(3 marks)

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Answers written in the margins will not be marked.

Seed: 272015685