

**Term Test A version 1**

**(1)** [5 points] **(2)** [5 points] **(3)** [5 points] Find the product  $AB$ .

$$A = \begin{pmatrix} 3 - 3i & 6 \\ -5i & -4 + 7i \end{pmatrix} \quad B = \begin{pmatrix} -5 - 6i & -4 + 7i \\ -2 + 5i & 7 + 2i \end{pmatrix} \quad (1)$$

**(4)** [5 points] **(5)** [5 points] **(6)** [5 points]