

Test 2: 2016/2017

$$\begin{aligned} \text{Q1. a) } \quad & \begin{array}{r} \underline{26} \quad \underline{26} \quad \underline{26} \\ \text{or} \\ \underline{26} \quad \underline{26} \quad \underline{26} \quad \underline{26} \\ \text{or} \\ \underline{26} \quad \underline{26} \quad \underline{26} \quad \underline{26} \quad \underline{26} \end{array} = \begin{array}{r} 17576 \\ + \\ 456976 \\ + \\ 11881376 \end{array} = 12355928 \end{aligned}$$

$$\text{b) i) } \quad A \equiv B \equiv C$$

$$c(3,1) \cdot c(5,1) = 15$$

$$\text{ii) } \quad 15 \times 15 = 225$$

$$\text{iii) } \quad c(3,1) \cdot c(5,1) \cdot c(4,1) \cdot c(2,1)$$

$$= 3 \times 5 \times 4 \times 2 = 120$$