

- 7    **(a)** Find the sum of all the multiples of 5 between 100 and 300 inclusive. [3]
- (b)** A geometric progression has a common ratio of  $-\frac{2}{3}$  and the sum of the first 3 terms is 35. Find
- (i)** the first term of the progression, [3]
- (ii)** the sum to infinity. [2]