

**Answer all ELEVEN questions.**

**Write your answers in the spaces provided.**

**You must write down all the stages in your working.**

- 1 On Monday, Tisam buys 600 watermelons in India to sell in the UK.

On Tuesday, Tisam splits 200 of the watermelons each into 8 slices.

She sells each slice for £0.60

She sells all the slices by the end of the day.

- (a) Work out how much money Tisam receives from the sale of the watermelon slices on Tuesday.

(2)

On Wednesday, Tisam sells 60% of the remaining watermelons.

She sells them for £1.40 each.

- (b) Work out how much money Tisam receives from the sale of the watermelons on Wednesday.

(2)

Tisam gives away for free the watermelons she has left.

Tisam bought the 600 watermelons at a cost of 90 rupees each.

The cost to send the watermelons to the UK was £700

Using an exchange rate of

$$1 \text{ rupee} = \text{£}0.0097$$

- (c) calculate the percentage profit, to one decimal place, that Tisam makes from the sale of the watermelons.

(4)

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### **Question 1 continued**

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### **Question 1 continued**

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### **Question 1 continued**

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(Total for Question 1 is 8 marks)

