

### Question One

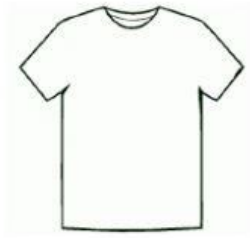
(a) The table below shows a shopping bill prepared for Mrs. Henry. The prices of some items are missing.

SHOPPING BILL		
ITEMS BOUGHT	UNIT COST PRICE	TOTAL COST PRICE
3 kg sugar	X	\$10.80
4 kg rice	Y	Z
2 kg flour	\$1.60	\$3.20

- (i) Calculate the value of X, the cost of 1 kg of sugar **(2 marks)**
- (ii) If the unit cost price of 1 kg of rice is 80 cents MORE than for 1 kg of flour, calculate:
  - (a) The value of Y, the cost of 1 kg of rice **(2 marks)**
  - (b) The value of Z **(2 marks)**
- (iii) What is the TOTAL cost of items in Mrs. Henry's shopping basket? **(2 marks)**
- (iv) Vat is charged at 12.5 % . How much would Mrs. Henry have to pay? **(2 marks)**
- (v) Mrs. Henry paid the bill with a fifty-dollar note. How much change did she receive?  
**(2 marks)**

### Question Two

- (a) Mr Augier bought 150 T-shirts for \$1920 from a factory.



- (i) Calculate the cost of ONE T-shirt.

**(2 marks)**

The T-shirts are sold for \$19.99 EACH.

- (b) Calculate the TOTAL amount of money Mr Augier made from selling ALL the T-shirts.

**(2 marks)**

- (ii) The profit made.

**(2 marks)**

- (iii) The profit percent, giving your answer correct to the nearest whole number **(2 marks)**

### Question Three



- (a) A radio marked \$ 95 is reduced by 20% in a sale.

- (i) How much was taken off the price?

**(2 marks)**

- (ii) What was the sale price?

**(2 marks)**

#### **Question 4**

In a certain company, a salesman is paid a fixed salary of \$ 3 140 per month plus an ANNUAL commission of 2% on the TOTAL value of cars sold for the year. If the salesman sold cars valued at \$ 720, 000 in 2009, calculate

- (a) His fixed salary for the year **(2 marks)**
- (b) The amount he receives in commission for the year **(2 marks)**
- (c) His TOTAL income for the year **(2 marks)**