

Spreadsheet and Chart Task (based on Higher Tier questions)**Total 23 marks**

- (a) Set up a spreadsheet using the following data. This shows the details of the sales at Mike's Burger Bar during a five-day period. (2 marks)

MIKE'S BURGER BAR					
ITEM	MON	TUE	WED	THU	FRI
<i>Hamburger</i>	33	29	35	31	27
<i>Big Burger</i>	25	14	16	30	29
<i>Mega Burger</i>	42	37	26	34	37
<i>Cheeseburger</i>	24	26	39	19	25
<i>Triple Cheese Burger</i>	38	31	26	27	19
<i>Hot Dog</i>	15	19	17	21	17
<i>Jumbo Hot Dog</i>	12	13	9	8	17
<i>Fries</i>	42	37	25	33	45
<i>Medium Fries</i>	31	26	48	29	36
<i>Large Fries</i>	14	23	37	31	42

- (b) Add a column after Friday's data and enter formulae to show the total sales of each item. Give the column a suitable header. (3 marks)
- (c) Print a copy of the spreadsheet showing the formulae. (1 mark)
- (d) Insert a column for Saturday and enter the following figures:

<i>Hamburger</i>	48
<i>Big Burger</i>	39
<i>Mega Burger</i>	52
<i>Cheeseburger</i>	49
<i>Triple Cheeseburger</i>	26
<i>Hot Dog</i>	15
<i>Jumbo Hot Dog</i>	12
<i>Fries</i>	37
<i>Medium Fries</i>	19
<i>Large Fries</i>	49

(2 marks)

- (e) Make any necessary changes to the formulae to take the Saturday figures into account. Print a copy of the spreadsheet showing totals. (2 marks)
- (f) Add a column after the Total Sales column to show the Unit Price of each item.
Hamburger – 0.69, Big Burger – 1.20, Mega Burger – 1.35, Cheeseburger – 0.79, Triple Cheeseburger – 1.60, Hot Dog – 0.60, Jumbo Hot Dog – 0.99, Fries – 0.49, Medium Fries – 0.59, Large Fries – 0.69

(2 marks)

- (g) Add a column after the Unit Price column and enter formulae to show the total income from the sales of each item. (Total Sales multiplied by Unit Price) (3 marks)
- (h) Enter a formula in an appropriate cell to show the total income for the week. (1 mark)
- (i) Format the unit price and total income column to currency format. (1 mark)
- (j) Save the file as **MMB** and print a copy showing the formulae. (1 mark)
- (k) Create a bar chart to show the total income from each item during this period. Label the axes and give the chart a suitable title. (4 marks)
- (l) Save the file as **CHART** and print a hard copy. (1 mark)

