Question 1 **(5 marks)**

Maya earns $24.50 per hour at her part time job.

(a) Calculate Maya's pay for a 7 hour shift. (2 marks)

(b) On Saturdays, Maya is paid at 1.5 times her normal hourly rate. Calculate her pay for a 6 hour Saturday shift. (3 marks)

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Question 2 **(5 marks)**

(a) A jacket is priced at $84.00 and is on sale with a 25% discount. Calculate the sale price of the jacket. (2 marks)

(b) A café bill of $110.00 includes 10% GST. Calculate how much of this total is GST. (3 marks)

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Question 3 **(5 marks)**

Jake invests $2000 in a savings account that pays simple interest at a rate of 4% per annum.

(a) Calculate the interest Jake earns after 3 years. (3 marks)

(b) Calculate the total amount in Jake's account after 3 years. (2 marks)

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Question 4 **(6 marks)**

Priya earns $650 per week. Her weekly expenses are: rent $280, food $120, transport $45, phone $35, and entertainment $60.

(a) Calculate Priya's total weekly expenses. (2 marks)

(b) Calculate how much money Priya has left over each week after her expenses. (1 mark)

(c) Priya wants to save $660 for a holiday. If she saves all of her weekly leftover amount, calculate how many weeks it will take her to reach this goal. (3 marks)

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Question 5 **(6 marks)**

Ben invests $5000 for 3 years at an interest rate of 5% per annum.

(a) Calculate the total value of Ben's investment after 3 years if the interest is simple interest. (2 marks)

(b) Calculate the total value of Ben's investment after 3 years if the interest is compound interest, compounded annually. (3 marks)

(c) State which type of interest is better for Ben, and calculate the difference. (1 mark)

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