7. In a particular month, a household paid $4.31 for the usage of 24 kWh of gas.
   (a) Find the tariff rate of gas for that month in cents. Give your answer correct to 4 significant figures.
   (b) Given that the rate of GST is 7%, find
      (i) the GST payable on the gas usage,
      (ii) the total amount that the household spent on gas,
   for that month in dollars.

8. In a particular month, a household paid $6.84 for the water conservation tax (WCT).
   The WCT is 30% of the amount payable for water usage and the tariff rate for water is $1.17 per m^3. The waterborne fee is $0.30 per m^3 of water used. Find
   (a) the amount payable for water usage,
   (b) the amount of water used in m^3,
   (c) the waterborne fee,
   for that month.

9. If the exchange rate between the Singapore dollar (SGD) and the Japanese yen (JPY) is SGD 1 = JPY 75.6355, find
   (a) the amount in Japanese yen received in exchange for 320 Singapore dollars,
   (b) the amount in Singapore dollars received in exchange for 1 million Japanese yen.

10. The rate of exchange between the Singapore dollar (SGD) and the Australian dollar (AUD) is SGD 1 = AUD 0.7639. The rate of exchange between the US dollar (USD) and the Australian dollar (AUD) is USD 1 = AUD 1.0424.
    (a) Find
       (i) the amount in Singapore dollars received in exchange for 1 Australian dollar,
       (ii) the amount in US dollars received in exchange for 1 Australian dollar.
    (b) Hence, find
       (i) the amount in US dollars received in exchange for 1000 Singapore dollars,
       (ii) the amount in Singapore dollars received in exchange for 200 US dollars.

11. **Use the information in the given table to answer this question.**
    Calculate the individual income tax payable in the year 2007 if the chargeable income is
    (a) $19 500,
    (b) $35 000,
    (c) $96 000,
    (d) $300 000,
    (e) $1.2 million.

For year of assessment 2007	Chargeable Income ($)	Rate (%)	Gross Tax Payable ($)
On the first	20 000	0	0
On the next	10 000	3.5	350
On the first	30 000		350
On the next	10 000	5.5	550
On the first	40 000		900
On the next	40 000	8.5	3 400
On the first	80 000		4 300
On the next	80 000	14	11 200
On the first	160 000		15 500
On the next	160 000	17	27 200
On the first	320 000		42 700
Above	320 000	20	