

# Level 3 Certificate MATHEMATICAL STUDIES

June 2016

# Preliminary Material

To be opened and issued to candidates on Tuesday 1 March 2016

#### REMINDER TO CANDIDATES

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#### Income Tax and National Insurance 2015-2016

#### Income tax 2015-2016

Everyone in the UK has a personal allowance. This is their annual amount of tax-free income. The standard personal allowance for 2015–2016 was £10600

The rates of income tax you pay depend on how much **taxable income** you have above your personal allowance.

#### Income tax rates and taxable bands 2015-2016

Rate	Taxable Income
Basic: 20%	£0-£31785
Higher: 40%	£31786-£150000
Additional: 45%	Over £150 000

#### To calculate your income tax if your annual income is £100000 or less

Find your taxable income by subtracting your personal tax allowance from your annual gross income.

You pay income tax at 20% on the first £31785 of your taxable income.

You pay income tax at 40% on your taxable income over £31785

# National Insurance (NI) 2015-2016

Percentage NI Due	Minimum Weekly Income	Maximum Weekly Income	Minimum Monthly Income	Maximum Monthly Income	Minimum Yearly Income	Maximum Yearly Income
Nil		below £112		below £486		below £5832
0%	£112	£155	£486	£672	£5832	£8064
12%	£155.01	£815	£672.01	£3532	£8064.01	£42385
2%	above £815		above £3532		above £42385	

#### **Examples**

A person who had a weekly income of £350 a week paid 12% on the amount above £155

A person who had a weekly income of £950 paid 12% on the amount between £155.01 and £815 plus 2% of the amount above £815

#### **Gross pay**

Your gross pay is your wage or salary before any deductions are made.

#### Net pay

Your net pay (or take-home pay) is the amount of money you receive after income tax, National Insurance and other deductions have been taken off your gross pay.

#### **Student Loans**

The Student Loans Company (SLC) gives loans to students at university.

There are two types of repayment plan for student loans.

If you started your course before 1 September 2012 you will be on **repayment plan 1**If you started your course on or after 1 September 2012 you will be on **repayment plan 2** 

#### Repayment plan 1

You only start making repayments when your gross income is over the threshold of £17335 a year. You pay 9% of anything you earn over the threshold.

#### Repayment plan 2

You only start making repayments when your gross income is over the threshold of £21000 a year. You pay 9% of anything you earn over the threshold.

For either plan you can also make additional voluntary repayments to SLC at any time which will reduce your balance earlier.

# Water

# How much water does an 'average' person/household use?

Our household water is pumped from reservoirs to our homes.

Water authorities must ensure that there is always a sufficient supply of water to households.

The table below gives a guide to average water use based on the number of people living in a household.

Number of people living in a household	Annual water usage (cubic metres)
1	54
2	101
3	134
4	164
5	191
6	216

One cubic metre = 1000 litres

#### END OF PRELIMINARY MATERIAL

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