



# Functional Skills Certificate

## FUNCTIONAL MATHEMATICS

Level 1

Data Book (Examination)

January 2019

**4367**

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## **INSTRUCTIONS**

- **This copy of the Data Book is for use in the examination. It should not be given to students in advance.**

## **ADVICE**

- **This book will not be collected in for marking. Ensure that all working that you wish to have marked is written in the space provided in the Question Paper/Answer Book.**

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## DATA SHEET FOR PART-TIME WORK

### TRAM TIMETABLES

<b>Queens Road to Piccadilly Gardens</b>					
<b>Trams are at these minutes past each hour</b>					
	<b>01</b>	<b>13</b>	<b>25</b>	<b>37</b>	<b>49</b>
<b>The journey time from Queens Road to Piccadilly Gardens is 11 minutes</b>					

<b>Piccadilly Gardens to Queens Road</b>					
<b>Trams are at these minutes past each hour</b>					
	<b>04</b>	<b>16</b>	<b>28</b>	<b>40</b>	<b>52</b>
<b>The journey time from Piccadilly Gardens to Queens Road is 10 minutes</b>					

## BUS TIMETABLES

<b>Piccadilly Gardens to Trafford Centre</b>										
<b>Piccadilly Gardens</b>	<b>0715</b>	<b>0745</b>	<b>0815</b>	<b>0845</b>	<b>0912</b>	<b>0932</b>	<b>0952</b>	<b>1012</b>		
<b>Deansgate Station</b>	<b>0722</b>	<b>0753</b>	<b>0823</b>	<b>0853</b>	<b>0920</b>	<b>0940</b>	<b>1000</b>	<b>1020</b>		
<b>Old Trafford</b>	<b>0732</b>	<b>0803</b>	<b>0833</b>	<b>0903</b>	<b>0930</b>	<b>0950</b>	<b>1010</b>	<b>1030</b>		
<b>Trafford Centre</b>	<b>0747</b>	<b>0818</b>	<b>0848</b>	<b>0918</b>	<b>0945</b>	<b>1005</b>	<b>1025</b>	<b>1045</b>		

<b>Trafford Centre to Piccadilly Gardens</b>										
<b>Trafford Centre</b>	<b>1733</b>	<b>1753</b>	<b>1813</b>	<b>1833</b>	<b>1853</b>	<b>1913</b>	<b>1933</b>	<b>1953</b>		
<b>Old Trafford</b>	<b>1748</b>	<b>1808</b>	<b>1828</b>	<b>1848</b>	<b>1908</b>	<b>1928</b>	<b>1948</b>	<b>2008</b>		
<b>Deansgate Station</b>	<b>1759</b>	<b>1819</b>	<b>1839</b>	<b>1859</b>	<b>1919</b>	<b>1937</b>	<b>1957</b>	<b>2017</b>		
<b>Piccadilly Gardens</b>	<b>1806</b>	<b>1826</b>	<b>1846</b>	<b>1906</b>	<b>1926</b>	<b>1943</b>	<b>2003</b>	<b>2023</b>		

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## THE NATIONAL MINIMUM WAGE

Workers should be paid at least the National Minimum Wage.

This table shows the hourly rates for different ages.

<b>Age (years)</b>	<b>16 to 17</b>	<b>18 to 20</b>	<b>21 to 24</b>	<b>25 or over</b>
<b>Hourly rate</b>	<b>£4.20</b>	<b>£5.90</b>	<b>£7.38</b>	<b>£7.83</b>

## **DATA SHEET FOR ON THE FARM**

### **DAIRY FARM**

**A dairy farm is a farm where cows are kept for their milk.**



**The amount of milk a cow produces is called the MILK YIELD.**

**This amount is measured in litres.**

**In the UK, the mean milk yield per cow per year is 7944 litres.**

**Farmers usually sell the milk for between 30p and 34p per litre.**

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## **KEEPING PIGS**

**Pigs are usually kept in buildings called STIES.**

**Each STY should have a covered area to keep the pigs dry.**

**Each sty should have a gate at one end to allow access to open space.**

**Pigs like to have space to run around and digging areas to look for food.**





A mother pig is called a sow.

Baby pigs are called piglets.

The table shows the minimum area of sty needed for sows and their piglets.

	Total number of pigs in the sty	
	5 or fewer	6 or more
Sow	2.48 square metres each	2.25 square metres each
Piglet	1.80 square metres each	1.64 square metres each

**END OF DATA**

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