Examiner's use only

Team Leader's use only

Edexcel GCSE

Mathematics
Unit 1 – Section A – (Calculator)
Data Handling

Foundation Tier

Specimen Paper
Time: 20 minutes

Materials required for examination	**Items included with question papers**
Ruler graduated in centimetres and millimetres, protractor, compasses, pen, HB pencil, eraser, calculator. Tracing paper may be used.	Nil

Instructions to Candidates
In the boxes above, write your centre number, candidate number, your surname, initials and signature.
Check that you have the correct question paper.
Answer ALL the questions. Write your answers in the spaces provided in this question paper.
If you need more space to complete your answer to any question, use additional answer sheets.

Information for Candidates
The marks for individual questions and the parts of questions are shown in round brackets: e.g. **(2)**.
There are 4 questions in this question paper. The total mark for this section is 15.
There are 4 pages in this question paper. Any blank pages are indicated.
Calculators may be used.
If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Advice to Candidates
Show all stages in any calculations.
Work steadily through the paper. Do not spend too long on one question.
If you cannot answer a question, leave it and attempt the next one.
Return at the end to those you have left out.

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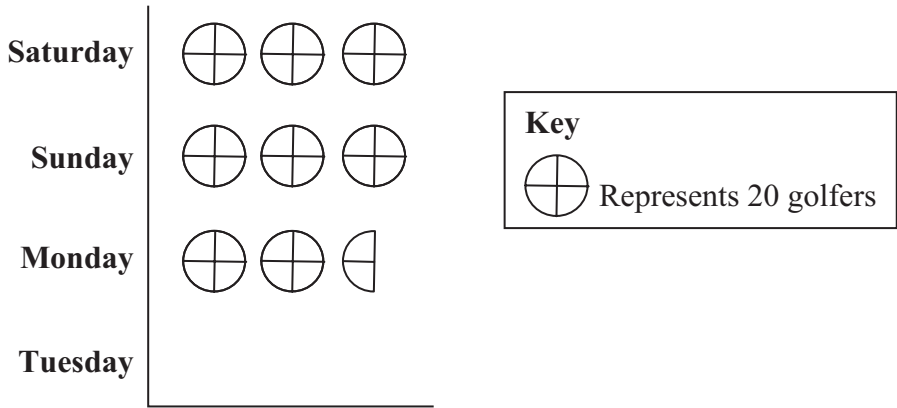
SECTION A

Answer ALL FOUR questions.

Write your answers in the spaces provided.

You may use a calculator in this section.

You must write down all stages in your working.

1. The pictogram shows the number of golfers who played at a golf club last week on Saturday, Sunday and Monday.

(a) How many golfers played on Sunday?

....

(1)

(b) How many golfers played on Monday?

....

(1)

On Tuesday, 35 golfers played.

(c) Complete the pictogram.

(1)

Here is a list of the numbers of golfers who played at the club each day over a two week period.
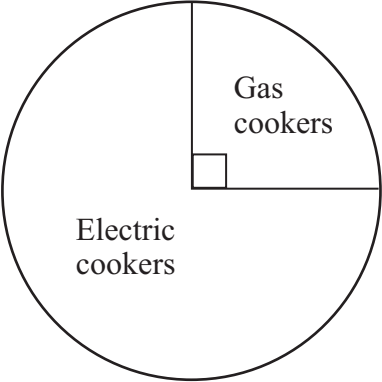
63   72   42   51   38   56   45   67   82   45   64   77   56   49

(d) (i) Find the median.

....

(ii) Find the range.

....

(3)   Q1

(Total 6 marks)

2. A shop sells cookers.
The pie chart shows some information about the number of cookers the shop sold in one year.

Gas cookers

Electric cookers

The shop sold 150 gas cookers.
Work out the total number of cookers the shop sold.

....

(Total 2 marks)

3. Many people take taxis to a club.
One night, the manager at the club recorded the number of people in each taxi as it arrived.

His results are shown in the table.

Number of people	Frequency
1	5
2	9
3	14
4	11
5	5
6	6

Find the mean number of people in a taxi.

....

(Total 3 marks)

4. The probability that Asif will pass his driving test at the first attempt is 0.6

(a) Explain why Asif is more likely to pass the test at the first attempt.

....

....

(1)

A driving test centre is designing a questionnaire. This question has been designed to find out how many hours of driving lessons have been taken by someone who is about to take a test.

"How long have you been having driving lessons?"

(b) Write down one thing that is wrong with this question.

....

....

(1)

(c) Design a better question for the driving centre to use.
You should include some response boxes.

(2) Q4

(Total 4 marks)

TOTAL FOR SECTION A: 15 MARKS

END