Q1.
Here is part of a calendar.

| December |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mon Tues Wed Thur Fri | Sat | Sun |  |  |  |  |
|   1 2 3 | 4 |  |  |  |  |  |
| 13 | 14 | 15 | 8 | 9 | 10 |  |
| 20 | 21 | 22 |  |  |  |  |
| 27 | 28 |  |  |  |  |  |

Tyrone's birthday is on December 18th.
On what day of the week is Tyrone's birthday?

Q2.
How many days are there in September, October and November altogether?


Q3.
Here is the morning timetable for Chen's class this week.

| Time | Mon | Tue | Wed | Thu | Fri |
| :--- | :---: | :---: | :---: | :---: | :---: |
| 9:00 am - 10:30 am | Maths | English | Maths | English | Maths |
| 10:30 am - 11:00 am | Break | Break | Break | Break | Break |


| 11:00 am - 12:00 pm | English | Maths | Science | Maths | English |
| :--- | :--- | :--- | :--- | :--- | :--- |

What is the total number of hours for English on this timetable?

Q4.
Joe goes skating every Saturday.
He went skating on Saturday January 1st.


Altogether, how many times did Joe go skating in January?


1 mark

Q5.
Here is part of the timetable for Class 6 on a Monday.


Look at the timetable.
How long is it from the end of break to the start of lunch?

Nisha leaves the Science lesson after 25 minutes.
Then she goes to the dentist.
What time does she leave the Science lesson?


1 mark

Q6.
Here are the sunrise and sunset times for some days in July.

| Date | Sunrise | Sunset |
| :---: | :---: | :---: |
| 7th | $04: 53$ | $21: 18$ |
| 14th | $05: 00$ | $21: 12$ |
| 21st | $05: 09$ | $21: 05$ |
| 28th | $05: 18$ | $20: 55$ |

How many minutes earlier is the sunset on 28th July than on 7th July?


1 mark

Q7.


| Weston Castle Opening Times |  |  |
| :---: | :---: | :---: |
| Monday <br> to <br> to <br> Friday | $10 \mathrm{am}-7 \mathrm{pm}$ | September 1st <br> to <br> August 31st |
| Saturday <br> and <br> Sunday | $9 \mathrm{am}-8 \mathrm{pm}$ | closed |

At what time does the castle close on Wednesday July $15^{\text {th }}$ ?
$\square$
1 mark
For which months is the castle open seven days a week?
$\qquad$

On Sunday March $\mathbf{8}^{\text {th }}$ John goes into the castle at 3 pm.
He stays until closing time.
For how many hours does he stay in the castle?


1 mark

Q8.

William wants to travel to Paris by train.
He needs to arrive in Paris by 5:30 pm.
Circle the latest time that William can leave London.

| Leaves London | Arrives Paris |
| :---: | :---: |
| $12: 01$ | $15: 22$ |
| $12: 25$ | $15: 56$ |
| $13: 31$ | $16: 53$ |


| $14: 01$ | $17: 26$ |
| :---: | :---: |
| $14: 31$ | $17: 53$ |
| $15: 31$ | $18: 53$ |
| $16: 01$ | $19: 20$ |

Q9.


Here is part of a train timetable.

| Edinburgh | - | 09.35 | - | - | 13.35 | - | - |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Glasgow | 09.15 | - | 11.15 | 13.15 | - | 13.45 | 15.15 |
| Stirling | 09.57 | - | 11.57 | 13.57 | - | 14.29 | 15.57 |
| Perth | 10.34 | 10.51 | 12.34 | 14.34 | 14.50 | 15.15 | 16.35 |
| Inverness | - | 13.10 | - | - | 17.05 | - | - |

How long does the first train from Edinburgh take to travel to Inverness?


1 mark

Ellen is at Glasgow station at 1.30 pm .
She wants to travel to Perth.
She catches the next train.
At what time will she arrive in Perth?


1 mark

Q10.
Jamie makes a time line of part of his day.


What time does Jamie's morning break start?


1 mark
Lunch lasts for three-quarters of an hour.
What time does lunch finish?


1 mark

## Q11.

Here is part of the bus timetable from Riverdale to Mott Haven.

| Riverdale | $10: 02$ | $10: 12$ | $10: 31$ | $10: 48$ |
| :--- | :---: | :---: | :---: | :---: |
| Kingsbridge | $10: 11$ | $10: 21$ | $10: 38$ | $10: 55$ |
| Fordham | $10: 28$ | $10: 38$ | $10: 54$ | $11: 11$ |
| Tremont | $10: 36$ | $10: 44$ | $11: 00$ | $11: 17$ |
| Mott Haven | $10: 53$ | $11: 01$ | $11: 17$ | $11: 34$ |

How many minutes does it take the 10:31 bus from Riverdale to reach Mott Haven?


Mr Evans is at Fordham at 10:30

What is the earliest time he can reach Tremont on the bus?


Q12.
Here is the calendar for August 1998.

## August 1998

Sun Mon Tues Wed Thur Fri Sat

| 2 |  |  |  |  |  | 1 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 |  |  |  |  |  |

Simon's birthday is on August 20th.
In 1998 he had a party on the Sunday after his birthday.
What was the date of his party?


1 mark
Tina's birthday is on September 9th.
On what day of the week was her birthday in 1998 ?


1 mark

Q13.
Here is part of a time line.
Draw a line from each invention to the correct point on the time line.

One has been done for you.


Mark schemes

## Q1.

Saturday
Accept any reasonable spelling as long as the intention is clear.

Q2.
91

Q3.
5
Do not accept 300 (minutes).

Q4.
5
Do not accept a list of dates.

Q5.
(a) 1 hour 25 minutes

The answer is a time interval
(b) $\quad 12: 10 \mathrm{pm}$

The answer is a specific time

Q6.
23

Q7.
7
Accept 7.00 OR 7 o' clock OR 19.00

July AND August
Both months must be correct.
Accept months in any order.
Accept recognisable mis-spellings.

Q8.

The correct time circled as shown:

| Leaves London | Arrives Paris |
| :---: | :---: |
| $12: 01$ | $15: 22$ |
| $12: 25$ | $15: 56$ |
| $13: 31$ | $16: 53$ |
| $14: 01$ | $17: 26$ |
| $14: 31$ | $17: 53$ |
| $15: 31$ | $18: 53$ |
| $16: 01$ | $19: 20$ |

Accept alternative unambiguous positive indications, e.g. 14:01 ticked or underlined.

Accept 17:26 circled in addition to 14:01, provided no other time is circled.

Do not accept only the arrival time 17:26 circled.

Q9.
(a) 3 hours 35 minutes

The answer is a time interval
(see guidance)
(b) $15: 15$

The answer is a specific time
(see guidance)
Accept quarter past three

Q10.
(a) 10:45am

The answer is a specific time (see General guidance: responses involving time for guidance).
(b) $1: 15 \mathrm{pm}$

The answer is a specific time (see General guidance: responses involving time for guidance).

Q11.
(a) 46

The answer is a time interval.
(b) 10:44

The answer is a specific time.

Q12.
(a) 23rd of August OR 23.8.98

Accept 23rd OR 23 OR unambiguous circling of the correct date on the calendar.
(b) Wednesday

Accept Wed OR recognisable misspellings of Wednesday OR Wednesday ringed.

Q13.
(a) Answer for tin can joined to the time line in the range 1805 to 1815 exclusive.
(b) Answer for computer joined to the time line in the range 1940 to 1950 exclusive.

