

# Time

## Difficulty: Easy

### Question Paper 1

Level	IGCSE
Subject	Maths (0580/0980)
Exam Board	CIE
Topic	Number
Sub-Topic	Time
Paper	Paper 2
Difficulty	Easy
Booklet	Question Paper 1

**Time allowed:** 48 minutes

**Score:** /37

**Percentage:** /100

#### Grade Boundaries:

##### CIE IGCSE Maths (0580)

A*	A	B	C	D	E
>88%	76%	63%	51%	40%	30%

##### CIE IGCSE Maths (0980)

9	8	7	6	5	4	3
>94%	85%	77%	67%	57%	47%	35%

## Question 1

A train leaves Zurich at 2240 and arrives in Vienna at 0732 the next day.

[1]

Work out the time taken.

## Question 2

A doctor starts work at 2040 and finishes work at 0610 the next day.

[1]

How long is the doctor at work?

Give your answer in hours and minutes.

### Question 3

A bus company in Dubai has the following operating times.

Day	Starting time	Finishing time
Saturday	06 00	24 00
Sunday	06 00	24 00
Monday	06 00	24 00
Tuesday	06 00	24 00
Wednesday	06 00	24 00
Thursday	06 00	24 00
Friday	13 00	24 00

(a) Calculate the total number of hours that the bus company operates in one week.

[3]

(b) Write the starting time on Friday in the 12-hour clock.

[1]

## Question 4

Christa had a music lesson every week for one year.  
Each of the 52 lessons lasted for 45 minutes.

Calculate the total time that Christa spent in music lessons.  
Give your time in hours.

[2]

## Question 5

The time in Lisbon is the same as the time in Funchal.  
A plane left Lisbon at 0830 and arrived in Funchal at 1020.  
It then left Funchal at 1255 and returned to Lisbon.  
The return journey took 15 minutes more.

What time did the plane arrive in Lisbon?

[2]

## Question 6

A shop is open during the following hours.

	Monday to Friday	Saturday	Sunday
Opening time	0645	0730	0845
Closing time	1730	1730	1200

(a) Write the closing time on Saturday in the 12-hour clock time.

[1]

(b) Calculate the total number of hours the shop is open in one week.

[2]

## Question 7

The ferry from Helsinki to Travemunde leaves Helsinki at 1730 on a Tuesday.  
The journey takes 28 hours 45 minutes.

Work out the day and time that the ferry arrives in Travemunde.

[2]

## Question 8

A bus leaves a port every 15 minutes, starting at 0900.  
The last bus leaves at 1730.

How many times does a bus leave the port during one day?

[2]

## Question 9

The table shows the opening and closing times of a café.

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Opening time	0600	0600	0600	0600	0600	(a)	0800
Closing time	2200	2200	2200	2200	2200	2200	1300

(a) The café is open for a total of 100 hours each week.

Work out the opening time on Saturday.

[2]

(b) The owner decides to close the café at a later time on Sunday. This increases the total number of hours the café is open by 4%.

Work out the new closing time on Sunday.

[1]

## Question 10

A plane took 1 hour and 10 minutes to fly from Riyadh to Jeddah.  
The plane arrived in Jeddah at 23 05.  
At what time did the plane depart from Riyadh?

[1]

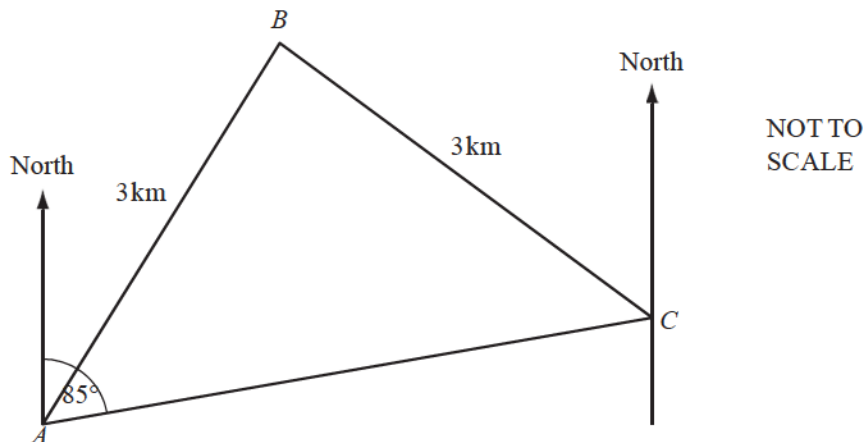
## Question 11

A cyclist left Melbourne on Wednesday 21 May at 09 45 to travel to Sydney.  
The journey took 97 hours.  
Write down the day, date and time that the cyclist arrived in Sydney.

[3]



### Question 12



$A$ ,  $B$  and  $C$  are three places in a desert. Tom leaves  $A$  at 06 40 and takes 30 minutes to walk directly to  $B$ , a distance of 3 kilometres. He then takes an hour to walk directly from  $B$  to  $C$ , also a distance of 3 kilometres.

(a) At what time did Tom arrive at  $C$ ? [1]

(b) Calculate his average speed for the whole journey. [2]

(c) The bearing of  $C$  from  $A$  is  $085^\circ$ .  
Find the bearing of  $A$  from  $C$ . [1]

### Question 13

At 05:06 Mr Ho bought 850 fish at a fish market for \$2.62 each.  
95 minutes later he sold them all to a supermarket for \$2.86 each.

[1]

(a) What was the time when he sold the fish?

(b) Calculate his total profit.

[1]

## Question 14

The Canadian Maple Leaf train timetable from Toronto to Buffalo is shown below.

Toronto	10 30
Oakville	10 52
Aldershot	11 07
Grimsby	11 41
St Catharines	11 59
Niagra Falls	12 24
Buffalo	13 25

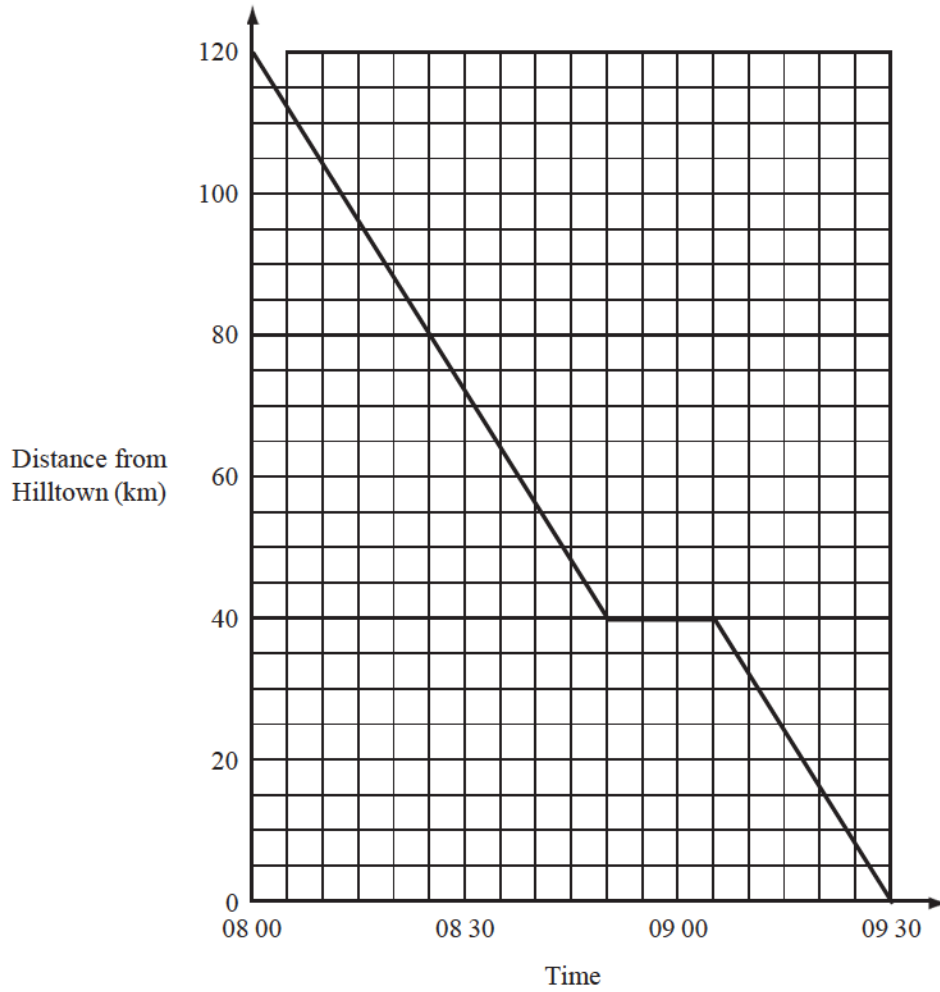
(a) How long does the journey take from Toronto to Buffalo?

[1]

(b) This journey is 154 kilometres. Calculate the average speed of the train.

[2]

Question 15



The graph shows the distance, in kilometres, of a train from Hilltown.

Find the speed of the train in kilometres per hour at

(a) 08 30, [2]

(b) 09 00. [1]

## Question 16

A train left Sydney at 23 20 on December 18<sup>th</sup> and arrived in Brisbane at 02 40 on December 19<sup>th</sup>.  
How long, in hours and minutes, was the journey?

[1]