

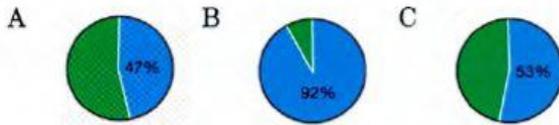
**1**  **1.31** Listen to the following extracts from the Speaking task on page 35. Complete the extracts with TWO WORDS in each gap.

- a I'd like to talk about a \_\_\_\_\_ received last year.
- b I had been \_\_\_\_\_ interview a few weeks before ...
- c I remember \_\_\_\_\_ to my family that I hadn't got it ...
- d I almost didn't \_\_\_\_\_ reading it!
- e The \_\_\_\_\_ was quite short.
- f What I remember most is being \_\_\_\_\_ as it was my first job offer ...

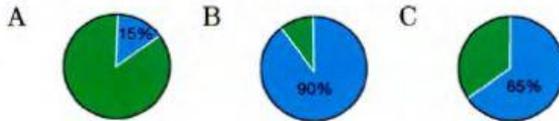
## Questions 31–37

Choose the correct letter, **A**, **B** or **C**.

**31** Which pie chart shows the percentage of people who make a phone call every day?



**32** Which pie chart shows the percentage of young people who text every day?



**33** On average men

- A send fewer texts than women
- B send shorter texts than women
- C have fewer contacts than women

**34** Originally, text messaging was created as

- A an internal messaging system
- B a new commercial venture for a mobile phone company
- C a way of sending greetings to friends and family

**35** Early texters were limited by

- A incompatibility between mobile phone networks
- B unsophisticated mobile phones
- C expensive mobile phones

**36** Abbreviated texting language

- A is unpopular with many people
- B was created due to limitations in text length
- C has caused children's language skills to decline

**37** On average, children who text

- A have better speaking skills than those who don't
- B have better reading and writing skills than those who don't
- C do not show any difference in their language skills

## Questions 38–40

Choose **THREE** letters **A–G**.

Which three uses of text messaging were mentioned in the survey?

- A taking part in a competition
- B booking a hotel room
- C buying an airline ticket
- D following a package delivery
- E making a doctor's appointment
- F making a donation
- G voting in an election

Questions 11–15

Complete the sentences below.

Use **NO MORE THAN THREE WORDS AND/OR A NUMBER** for each answer.

Castle Hotel Food Lovers' Weekend

- 11 The chef will show participants how to make some .....
- 12 The cookery demonstration starts at .....
- 13 The museum entrance fee is .....
- 14 The seafood dinner starts at .....
- 15 The evening's entertainment is provided by an .....

Questions 16–18

Choose **THREE** letters **A–G**.

Which three activities will participants be able to do on the culinary tour?

- A go shopping
- B see a photography exhibition
- C have an oyster lunch
- D go for a walk before lunch
- E make butter
- F watch a baking demonstration
- G make cakes
- H go on a fishing trip

Questions 19 and 20

Choose **TWO** letters **A–E**.

Which two activities can participants choose to do on Monday morning?

- A a talk from a cookery writer
- B a museum visit
- C a cookery demonstration
- D a trip to a market
- E a visit to a castle

2.6

Questions 31–34

Choose the correct letter, **A**, **B**, or **C**.

31 The number pi

- A is usually approximated to three decimal points
- B is an infinite number
- C can be shown as an exact fraction

32 The date of World Pi Day

- A is July 22nd
- B is a fraction shown as a date
- C is a decimal shown as a date

33 The Ancient Babylonians

- A discovered an imprecise value of pi
- B calculated pi as exactly 3
- C used pi to calculate building size

34 The Ancient Egyptian document mentioned

- A is the first written record of pi
- B gives an accurate value of pi
- C is a reproduction of a previous one

2.7

Questions 35–40

Which statement applies to each of the following people?

Choose **SIX** answers from the box and write the correct letter, **A–I**, next to questions 35–40.

- A had a formula named after him
- B made a mistake
- C proposed a name for the ratio
- D proved the irrationality of pi
- E used a calculator to calculate pi
- F holds the world record for calculating the most digits of pi
- G used shapes to calculate pi
- H achieved a feat of memory
- I proved the transcendence of pi

35 A Greek academic .....

36 A British mathematician .....

37 A German mathematician .....

38 An amateur mathematician .....

39 A French computer programmer .....

40 A postgraduate student .....

2.12

Questions 21–24

Choose the correct letter, **A**, **B** or **C**.

- 21** The number of vehicles on the road
- A is around 100 billion
  - B is doubling every year
  - C will have doubled in twenty years
- 22** Where has a payment been introduced to restrict city traffic?
- A some cities in China
  - B London
  - C Moscow
- 23** Which cause of traffic congestion is NOT given?
- A it can be caused by the action of a single driver
  - B it can be caused by bad driving
  - C it can be caused by unexpected events on the road
- 24** Congestion waves affect
- A any junction where traffic merges
  - B motorways only
  - C all roads in cities

2.13

Questions 25–30

Complete the summary below.

Write **NO MORE THAN TWO WORDS OR A NUMBER** for each answer.

A system was developed to control traffic congestion on the M25 motorway. Experts use **25** ..... information from the motorway to set **26** ..... according to traffic build-up. However, in order to maintain a steady flow of traffic, the number of vehicles on the roads should not exceed **27** ..... per lane per hour, which is far fewer than the number on **28** ..... of the motorway. One solution could be to fit the car with **29** ..... and a computer. The system would be activated when approaching an area of congestion and the computer would then regulate the acceleration and **30** ..... to help the car to pass easily through the congestion.