#### LISTENING

#### SECTION 1 Questions 1-10 TEST 2 01

#### Questions 1-3

Answer the questions below.

Write NO MORE THAN THREE WORDS for each answer.

#### Example

How did Peter and Joan last communicate with each other?

on the phone

- 1 What is going to be closed down?
- 2 What does Peter want to organise?
- 3 What does Joan suggest they get people to do?

#### Questions 4-6

Choose the correct letter, A. B or C.

- 4 Which of the following might they need?
  - A an orchestra
  - B a caterer
  - C a telephonist
- 5 Where will they probably hold the meeting?
  - A the youth club
  - B somebody's living room
  - C the village hall
- 6 When do they decide to hold the meeting?
  - A they haven't decided yet
  - B at the weekend
  - C some time during the week

# Questions 7-10

Complete the sentences below.

*** ***			*****	
Write NO	MORE THA	NTWO	WORDS	for each answer

7	Dr Perkins is the best person to describe the at the clinic.	
8	Joan often meets Mr Sims' wife	
9	The editor of the newspaper might let them advertise	
10		When you have to complete sentences, don't change what you
SE	ECTION 2 Questions 11-20 TEST 2_02	hear to try and make it fit the gap. Remember that you will
Qu	uestions 11–14	hear the answers in the correct for
Cho	oose the correct letter, A, B or C.	
11	What can visitors use free of charge?  A pushchairs  B child carriers	
12	C coats and bags Which of the following can visitors buy at the shop? A coins B refreshments	
13	8	
	A 1894 B 1897 C 1994	When you have to complete a summary, remember not to
14	The Romans built on the site  A after the Celts.  B before the Celts.	use more than the number of words stated in the instructions. If you need more than the two or three words asked for,
	C at the same time as the Celts.	your answer is wrong.
Qı	uestions 15–20	
Cor	omplete the summary below.	
	rite NO MORE THAN THREE WORDS AND/OR A NUMBER for each	answer.
	e Great Bath is 15 deep. Around the bath area are alcoves w and tables where bathers could relax. The water temperatu	
	ring is 17 The water is rich in 18 In Roman	
	ring was well-known for its 19 The Temple was constructe	

# SECTION 3 Questions 21-30 TEST 2\_03

### Questions 21-25

Answer the questions below.

Wri	te NO MORE THAN THREE WORDS AND/OR A NUMBER for each answer.
21	What is John researching?
22	Apart from pollution, what would John like to see reduced?
23	According to John's tutor, what can cars sometimes act as?
24	How much does John's tutor pay to drive into Dondon?
25	In Singapore, what do car owners use to pay their road tax?
Qu	uestions 26–30
Cor	mplete the sentences below.
Wri	ite NO MORE THAN TWO WORDS AND/OR A NUMBER for each answer.
26	In Athens, cars can only enter the city centre on
27	'BRT' stands for 'bus'.
28	In London, after a new road tax was introduced, moped and bicycle use increased by
29	Both Japan and Holland provide for those cycling to train stations.
30	In the USA, police officers on bikes make more than those in patrol cars.

# SECTION 4 Questions 31-40 TEST 2\_04

#### Questions 31-34

Complete the sentences below.

Write NO MORE THAN TWO WORDS for each answer.

- The lecture is intended mainly for those entering the \_\_\_\_\_\_, but is relevant to all students present.
- 32 The lecturer believes that too \_\_\_\_\_\_ specialisation can be damaging.
- 33 The number of \_\_\_\_\_ who were also writers is surprising.
- 34 The speaker believes that literature provides a \_\_\_\_\_ which medical schools do not.

#### Questions 35-40

What is said about each of these books?

Choose your answers from the box and write the letters A-H next to questions 35-40.

- A It conveys the thrill of scientific discovery.
- B It is of interest to any natural historian.
- C This is a classic of scientific writing.
- D It is about the life of a scientist.
- E This book is now sometimes used in schools.
- F This is also a good travel book.
- G This book examines the dark side of human nature.
- H This book was a response to another book.
- 35 A Short History of Nearly Everything
- 36 Wonderful Life
- 37 The Rise and Fall of the Third Chimpanzee
- 38 The Water Babies
- 39 The Emperor of Scent
- 40 On The Origin of Species

When you have to complete sentences, make sure that the word or phrase you write is correct both in terms of meaning and in terms of its grammar. If it doesn't fit grammatically, it's the wrong answer.

For matching tasks,
remember that you
should only use each
letter once. Don't
confuse matching tasks
with classification tasks (e.g. Test 4,
Listening Section 4) where you can
use each letter more than once.

#### READING

#### READING PASSAGE 1

You should spend about 20 minutes on Questions 1–13, which are based on Reading Passage 1 below.

## The Rise and Fall of the British Textile Industry

Textile production in Britain can be said to have its roots as an industry at the beginning of the 18th century, when Thomas Crotchet and George Sorocold established what is thought to be the first factory built in Britain. It was a textile mill with a waterwheel as its source of power, the latest machinery, and even accommodation for the workers. As well as possibly being the first sweatshop in the modern sense, it was the beginning of the end for traditional textile production.

For hundreds of years the spinning and weaving of cloth had been done manually by men, women and children in their own homes. The yarn would be combed and spun using a spindle, then woven on a hand-loom, and what they produced would be mainly for local consumption. Technology far more sophisticated than the spindle and hand-loom would change all that.

The demand for cotton textiles had been growing since the Middle Ages, fostered by the importation of high quality cotton fabrics from the Middle East and India. So how were local producers to fight off the competition? The imported fabrics were of course expensive, so textile makers (not just in Britain but throughout Europe) produced mixed fabrics and cotton substitutes. They also had foreign textiles banned. But the key to the increased productivity needed to meet the demand, was machine production. It would be faster, cheaper and the finished products would be consistent in quality. Not least of the advantages was that it would allow manufacturers to market their goods on a large, if not yet global, scale.

The story of the growth of the British textile industry from about 1733 and for the next two hundred years is one of constant technological innovation and expansion. In 1733 John Kay invented the fly-shuttle, which made the hand-loom more efficient, and in 1764 James Hargreaves came up with the spinning jenny, which among other things had the effect of raising productivity eightfold. The next great innovator was Richard Arkwright, who in 1768 employed John Kay (of the fly-shuttle) to help him build more efficient machinery. He was a man with a vision – to mechanise textile production – and by 1782 he had a network of mills across Britain. As the water-powered machinery, though not yet fully mechanised, became more complex, Kay began to use steam engines for power. The first power-loom, however, which was invented in 1785 by Dr Edmund Cartwright, really did mechanise the weaving stage of textile manufacture.

The pace of growth quickened with the expansion of Britain's influence in the world and the acquisition of colonies from which cheap raw materials could be imported. For example, in a single decade, from 1781 to 1791, imports of cotton into Britain quadrupled, going on to reach 100 million pounds in weight in 1815 and 263 million in 1830. The increase in exports is equally impressive; in 1751 £46,000 worth of cloth was exported and by the end of the century this had risen to £5.4 million. By the end of the 19th century the figure had soared

to close on £50 million. Britain was now supplying cheaper and better quality clothing to a global market. Yet during the course of the 20<sup>th</sup> century Britain lost its position as a major textile manufacturer.

So what happened? There are a number of views on this question, not all of them conflicting, and where there is disagreement it is usually about when the decline began. Whether it began before the First World War (1914–18), or during the inter-war years (1919–1939), or after 1945, most economists would give roughly the same reasons. To start with, there was competition from abroad, especially from developing countries in the Far East, notably Japan. It was thought by manufacturers that the best way to combat this increased competition was to modernise. However, management and the labour unions were unable to agree on how to handle this situation.

Modernisation would mean people losing their jobs and possibly a change in labour practices. Such changes as were made served only to slow down the industry's decline rather than help regain its predominant position. Economically less developed countries, on the other hand, had the advantage of being able to provide low wage competition, without the problem of powerful labour unions.

There are, of course, many other reasons for the textile industry's decline, two of which became particularly noticeable in the late twentieth century and are related. The first is outsourcing, when manufacturers establish factories in countries where there is cheap labour. This obviously leads to less demand for locally-produced goods. Related to this, the textile and clothing industries have acquired a bad reputation for exploiting workers, often illegal immigrants, in sweatshops where they are forced to work long hours and are paid far less than the minimum wage.

We seem to be back with Crotchet and Sorocold and their first live in factory. The globalising trend of out-sourcing, however, was a rational response to the growing competition from overseas, which, it goes without saying, does not excuse the exploitation of workers. The British industry itself, while no longer holding a key place in the global textile market, has adapted itself and now concentrates more on the world of fashion and design, where it seems to be doing quite well.

#### Questions 1-6

Complete the notes below.

Write NO MORE THAN THREE WORDS for each answer.

# Early history Begins as a cottage industry Products hand-woven and made for 1 Local producers face 2 from overseas Ways found to deal with situation Imported fabrics 3 , mixed cottons produced Early technology Machine production needed to 4 for cotton fabrics Improved technology (such as the fly-shuttle) more 5 and productive

#### Questions 7-9

Choose the correct letter, A, B, C or D

· Machinery begins to be powered by 6

- 7 Which of the following innovations increased productivity by 800%?
  - A the power-loom
  - B the steam engine
  - C the spinning jenny
  - D the fly-shuttle
- 8 During which period was the British textile industry at its peak?
  - A 1733-1785
  - B 1781-1791
  - C 1791-1830
  - D 1830-1900
- 9 Which of the following was a major cause of the British textile industry's decline?
  - A the expansion of foreign textile industries
  - B the loss of overseas markets
  - C there being no demand for products
  - D labour becoming too expensive

When you have to complete notes, pay attention to how the original meaning in the text has been expressed in the question. For example, look out for synonyms or the same words from the text with a different grammatical structure.

#### Questions 10-13

Do the following statements agree with the information given in Reading Passage 1?

Write

NOT GIVEN

TRUE if the statement agrees with the information FALSE if the statement contradicts the information

if there is no information on this

10 Foreign textiles were banned because of their inferior quality.

Richard Arkwright built the first fully-mechanised textile mill.

12 In less developed countries, the industry could rely on cheap labour.

13 Out-sourcing was one method used to compete with foreign manufacturers.

#### READING PASSAGE 2

You should spend about 20 minutes on Questions 1–13, which are based on Reading Passage 2 below.

# What is an ASBO?

Ask somebody to make a list of crimes and they will probably come up with the usual suspects that you or I would: murder, robbery, assault, burglary and so on. They might even include acts which are merely 'against the law', like parking on a double yellow line. But if you ask them to make a list of anti-social behaviours, you are getting into an area where there is going to be considerable disagreement. This didn't stop the UK government, which introduced Anti-Social Behaviour Orders, or ASBOs, in 1998 as part of the Crime and Disorder Act – legislation designed to deal with practically all aspects of criminal activity and disorderly behaviour.

A subjective definition of anti-social behaviour permits you to cast your net wide and include anything you find personally disagreeable; the legal definition is also widely inclusive. To quote the Crime and Disorder Act, it is behaviour which 'causes or is likely to cause harassment, alarm or distress to one or more people who are not in the same household as the perpetrator'. This includes, among many other things, foul and abusive language, threatening behaviour, shouting, disorderly conduct, vandalism, intimidation, behaviour as the result of drug or alcohol misuse, graffiti and noise which is excessive, particularly at night.

The idea is that ASBOs are sanctions designed to deal with issues that affect everyone in the community and as such are civil sanctions, not criminal ones, and need the cooperation of the community to be effective. For example, a private individual cannot apply for an ASBO; he or she must make a complaint to the police or local authority, who will then work together to gather more information and build up evidence. This involves getting witnesses, among whom will no doubt be neighbours and acquaintances, to make statements to the

authorities. When the authorities are satisfied that they have enough evidence, the local council applies to the magistrates' court to have an ASBO imposed.

We still haven't decided what constitutes anti-social behaviour. It doesn't have to be physical violence, of course, but is far easier to identify and deal with if it is. What about threatening behaviour? We're not talking here about direct threats such as 'lf you come round here again, I'll beat you up!', but situations perceived as threatening. Let's say a pensioner or a person of timid disposition is on their way home and they run into a group of young people who are shouting, swearing and kicking a ball about and who happen to make a few unkind remarks as the person passes. Let's say the person is alarmed or feels threatened by the situation. Does it merit getting the ASBO process going?

In fact, young people merely hanging out in public places, however boisterous their behaviour might seem to be to some people, are not considered to be indulging in anti-social behaviour. However, there is a proviso. Such behaviour in its own right is not considered anti-social unless it is thought it is being done with other, more serious, behavioural attitudes involved. This, of course, can be very subjective.

A person faced with an ASBO can argue in their defence that their behaviour was reasonable and unthreatening. This too is subjective, and both sides' claims are open to wide interpretation. Something else that has to be taken into account here is that ASBOs are made on an individual basis even if that person is part of a group of people committing anti-social behaviour. If a case reaches the magistrates' court, witnesses can be called to provide further evidence for or against the defendant. However, the magistrate, as well as considering the complaints made against the defendant, will take into account his or her family situation, welfare issues, and whether or not he or she has been victimised or discriminated against. It is worth bearing in mind, though, that witnesses can be intimidated or otherwise persuaded not to appear in court and give evidence.

When the Crime and Disorder Act came into force, ASBOs were generally intended to be a measure to deal with adult anti-social behaviour, yet within the Act it states that an order can be applied for against any individual over the age of ten years old. It is a striking fact that the majority of ASBOs imposed since the law was enacted have been handed out to young people and children.

The question is, have they been effective? The government, naturally, claims that they have brought about a real improvement in the quality of life in communities around the country. Nay-sayers, such as civil rights campaigners, claim the measures are far too open to abuse. Some say they go too far and some that they don't go far enough and lack bite. However, a genuine impediment to their effectiveness is that to impose an ASBO takes a lot of time and paperwork, involving the cooperation of community, police and local council, and they are very expensive to implement. One estimate is that an ASBO can cost in excess of £20,000. What all this means is that ASBOs are being used very rarely in many parts of the country. So the jury is still out as to how effective they really are.

#### Questions 14-16

#### Choose THREE letters A-H.

NB Your answers may be given in any order.

Which THREE of the following statements are true of ASBOs, according to the text?

- A They were introduced to deal with specific crimes.
- B Parking on a double yellow line could get you served with an ASBO.
- C Swearing is one of the offences referred to in the Crime and Disorder Act.
- D As a private householder you can apply for an ASBO against a noisy neighbour.
- E It is not illegal for young people to gather in groups in public places.
  - An ASBO cannot be served on a group of people behaving in a disorderly manner.
- G A large proportion of those served with ASBOs are over the age of 21.
- H Most people agree that ASBOs have been effective all over the country.

#### Questions 17-19

F

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

- 17 The writer suggests that
  - A anti-social behaviour should be seen as a crime.
  - B few people agree on how to define a crime.
  - C anti-social behaviour is difficult to define.
  - D the legal definition of crime is too exclusive.
- 18 What surprised the writer about the imposition of ASBOs?
  - A the number of ten-year-olds that had been given one
  - B that very few adults had been served with ASBOs
  - C that most of those served with ASBOs were youngsters
  - D how few ASBOs had been imposed since 1998
  - In the writer's opinion, how effective have ASBOs been?
  - A There isn't enough evidence to decide.
  - B They are too expensive to be effective.
  - C They are ineffective because they are not strict enough.
  - D Being open to abuse renders them ineffective.

When you have to choose from multiple answers, remember that the questions are in the same order that the information is presented in the text, so you don't have to jump backwards and forwards through the text to find the answers.

#### **Questions 20-26**

Complete the sentences.

20	The official	says that anti-social behaviour is behaviour
	which can cause alarm or distress.	
21	Along with swearing and destruction of noise	of public or private property, making is considered anti-social behaviour.
22	ASBOs are considered to be part of criminal law.	law rather than
23		to either the local council or the police
24	In their efforts to collect evidence the	authorities may call on more information.
25	ASBOs are issued at a	0 9
26	is the	most straightforward form of anti-social
	behaviour to determine.	

#### READING PASSAGE 3

You should spend about 20 minutes on Questions 27–40, which are based on Reading Passage 3 below:

# **The Climate Changers**

The romantic notion that early humans lived in harmony with their environment has taken quite a battering lately. Modern humans may have started eliminating other species right from the start; our ancestors stand accused of wiping out mega fauna – from giant flightless birds in Australia to mammoths in Asia and the ground sloth of North America – as they spread across the planet.

Even so, by around 6,000 years ago there were only about 12 million people on earth – less than a quarter of the current population of Great Britain. That's a far cry from today's 6.6 billion, many of us guzzling fossil fuels, churning out greenhouse gases and messing with our planet's climate like there's no tomorrow. So it may seem far-fetched to suggest that humans have been causing global warming ever since our ancestors started burning and cutting forests to make way for fields at least 7,000 years ago.

Yet that's the view of retired climate scientist William Ruddiman, formerly of the University of Virginia, Charlottesville. Ancient farmers were pumping climate-warming carbon dioxide and methane into the atmosphere long before recorded history began, he says. Far from causing catastrophe, however, early farmers halted the planet's descent into another ice age and kept Earth warm and stable for thousands of years.

Could a few primitive farmers really have changed the climate of the entire globe? If you find this hard to believe, you're not the only one. Ruddiman's idea has been hugely controversial ever since he proposed it in 2003. 'Most new ideas, especially controversial ones, die out pretty fast. It doesn't take science long to weed them out,' he says. Yet five years on, his idea is still not dead. On the contrary, he says the latest evidence strengthens his case. 'It has become clear that natural explanations for the rise in greenhouse gases over the past few thousand years are the ones that are not measuring up, and we can reject them,' he claims.

There is no doubt that the soaring levels of carbon dioxide and other greenhouse gases that we see in the atmosphere today – causing a 0.7° C rise in average global temperature during the 20th century – are the result of human activities. In the late 1990s, however, Ruddiman started to suspect that our contribution to the global greenhouse began to become significant long before the industrial age began. This was when an ice core drilled at the Vostok station in Antarctica revealed how atmospheric CO<sub>2</sub> and methane levels have changed over the past 400,000 years. Bubbles trapped in the ice provide a record of the ancient atmosphere during the past three interglacials.

What we see is a regular pattern of rises and falls with a period of about 100,000 years, coinciding with the coming and going of ice ages. There are good explanations for these cycles: periodic changes in the planet's orbit and axis of rotation alter the amount of sunlight reaching the Earth. We are now in one of the relatively brief, warm interglacial periods that follow an ice age.

Within this larger pattern there are regular peaks in methane every 22,000 years that coincide with the times when the Earth's orbit makes summers in the northern hemisphere warmest. This makes sense, because warm northern summers drive strong tropical monsoons in southern Asia that both encourage the growth of vegetation and cause flooding, during which vegetation rotting in oxygen-poor water will emit methane. Around the Arctic, hot summers thaw wetlands for longer, again promoting both vegetation growth and methane emission.

In recent times, however, this regular pattern has changed. The last methane peak occurred around 11,000 years ago, at about 700 parts per billion (ppb), after which levels began to fall. But instead of continuing to fall to what Ruddiman says should have been a minimum of about 450 ppb today, the atmospheric methane began to climb again 5,000 years ago.

Working with climate modellers Stephen Verves and John Kutzbach, Ruddiman has shown that if the levels of these gases had continued to fall rather than rising when they did, ice sheets would now cover swathes of northern Canada and Siberia. The world would be heading into another ice age.

So why did both methane and CO<sub>2</sub> rise over the past few thousand years? In other words, why has this interglacial period been different from previous ones? Could humans be to blame?

Agriculture emerged around the eastern Mediterranean some 11,000 years ago, then shortly afterwards in China and several thousand years later in the Americas. Farming can release greenhouse gases in various ways: clearing forests liberates lots of stored carbon as the wood rots or is burned, for instance, while flooded rice paddies release methane just as wetlands do.

#### ieltsfever

To find out more about early farming, Ruddiman began to dig around in studies of agricultural history. These revealed that there was a sharp rise in rice cultivation in Asia around 5,000 years ago, with the practice spreading across China and south-east Asia. Here at least was a possible source for the unexpected methane rise.

#### Questions 27-29

Choose the correct letter, A, B, C or D

- 27 One of the claims Ruddiman makes is that
  - A population growth is responsible for global warming.
  - B people have affected the climate for thousands of years.
  - C his ideas are not in the least bit controversial.
  - D so far scientists have been wrong about global warming.
- 28 What information did the research at Vostok reveal for the first time?
  - A that methane levels stabilised about 11,000 years ago
  - B that Antarctic ice contains methane bubbles
  - C that the methane levels increased about 5,000 years ago
  - D that we are now living in a warm interglacial period
- 29 The 'climate changers' of the title are
  - A modern humans.
  - B climate modellers
  - C primitive farmers.
  - D natural causes.

When you have to complete a summary, underline or circle each answer you find in the reading passage.

This will allow you to find the next answer more quickly, as it will be below the answers you've already found.

#### Questions 30-34

Complete the summary.

Choose NO MORE THAN TWO WORDS from the passage for each answer.

To many people the controvers	sial idea that our 30 _	were responsible for global
warming appears 31	. Yet Ruddiman b	elieves that high levels of carbon dioxide
and methane - both 32	, or greenhous	gases - were being released into the
Earth's atmosphere in times pr	rior to 33	. However, Ruddiman claims that this
had a positive effect, as it may	well have saved us fro	om another 34

#### Questions 35-40

Do the following statements agree with the information given in Reading Passage 3?

#### Write

TRUE	if the statement agrees with the information
FALSE	if the statement contradicts the information
NOT GIVEN	if the there is no information on this

- 35 Some mega fauna have been eliminated by humans in the past 100 years
- 36 Agriculture is considered a primary cause of global warming today.
- 37 Ruddiman's idea caused a great deal of argument among scientists.
- 38 New scientific evidence proves for certain that Ruddiman's theory is correct.
- 39 The 20th century has seen the greatest ever increase in global temperatures.
- 40 Changes in the Earth's orbit can affect global temperatures.