

Candidate number

Candidate name _____

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INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM

Academic Reading

1 hour

Additional materials:

Answer sheet for Listening and Reading

Time 1 hour

INSTRUCTION TO CANDIDATES

Do not open this question paper until you are told to do so.

Write your name and candidate number in the spaces at the top of this page.

Read the instruction for part carefully.

Answer all the questions.

Write your answers on the answer sheet. Use a pencil.

You **must** complete the answer sheet within the time limit.

At the end of the test, hand in both this question paper and your answer sheet.

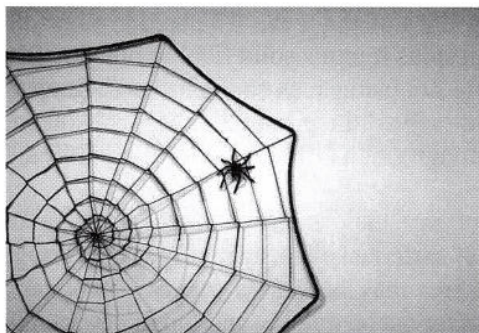
INFORMATION FOR CANDIDATES

There are **40** questions on this question paper. Each question carries one mark.

READING PASSAGE 1

You should spend about 20 minutes on **Questions 1-13**, which are based on Reading Passage 1 on pages 2 and 3.

Spider silk cuts weight of bridges



A strong, light bio-material made by genes from spiders could transform construction and industry

- A** Scientists have succeeded in copying the silk-producing genes of the *Golden Orb Weaver* spider and are using them to create a synthetic material which they believe is the model for a new generation of advanced bio-materials. The new material, biosilk, which has been spun for the first time by researchers at DuPont, has an enormous range of potential uses in construction and manufacturing.
- B** The attraction of the silk spun by the spider is a combination of great strength and enormous elasticity, which man-made fibres have been unable to replicate. On an equal-weight basis, spider silk is far stronger than steel and it is estimated that if a single strand could be made about 10m in diameter, it would be strong enough to stop a jumbo jet in flight. A third important factor is that it is extremely light. Army scientists are already looking at the possibilities of using it for lightweight, bullet-proof vests and parachutes.
- C** For some time, biochemists have been trying to synthesise the drag-line silk of the *Golden Orb Weaver*. The drag-line silk, which forms the radial arms of the web, is stronger than the other parts of the web and some biochemists believe a synthetic version could prove to be as important a material as nylon, which has been around for 50 years, since the discoveries of Wallace Carothers and his team ushered in the age of polymers.
- D** To recreate the material, scientists, including Randolph Lewis at the University of Wyoming, first examined the silk-producing gland of the spider. 'We took out the glands that produce the silk and looked at the coding for the protein material they make, which is spun into a web. We then went looking for clones with the right DNA,' he says.

- E** At DuPont, researchers have used both yeast and bacteria as hosts to grow the raw material, which they have spun into fibres. Robert Dorsch, DuPont's director of biochemical development, says the globules of protein, comparable with marbles in an egg, are harvested and processed. 'We break open the bacteria, separate out the globules of protein and use them as the raw starting material. With yeast, the gene system can be designed so that the material excretes the protein outside the yeast for better access,' he says.
- F** 'The bacteria and the yeast produce the same protein, equivalent to that which the spider uses in the drag lines of the web. The spider mixes the protein into a water-based solution and then spins it into a solid fibre in one go. Since we are not as clever as the spider and we are not using such sophisticated organisms, we substituted man-made approaches and dissolved the protein in chemical solvents, which are then spun to push the material through small holes to form the solid fibre.'
- G** Researchers at DuPont say they envisage many possible uses for a new biosilk material. They say that earthquake-resistant suspension bridges hung from cables of synthetic spider silk fibres may become a reality. Stronger ropes, safer seat belts, shoe soles that do not wear out so quickly and tough new clothing are among the other applications. Biochemists such as Lewis see the potential range of uses of biosilk as almost limitless. 'It is very strong and retains elasticity; there are no man-made materials that can mimic both these properties. It is also a biological material with all the advantages that has over petrochemicals,' he says.
- H** At DuPont's laboratories, Dorsch is excited by the prospect of new super-strong materials but he warns they are many years away. 'We are at an early stage but theoretical predictions are that we will wind up with a very strong, tough material, with an ability to absorb shock, which is stronger and tougher than the man-made materials that are conventionally available to us,' he says.
- I** The spider is not the only creature that has aroused the interest of material scientists. They have also become envious of the natural adhesive secreted by the sea mussel. It produces a protein adhesive to attach itself to rocks. It is tedious and expensive to extract the protein from the mussel, so researchers have already produced a synthetic gene for use in surrogate bacteria.

Questions 1 – 5

Reading Passage 1 has nine paragraphs, **A-I**.

Which paragraph contains the following information?

Write the correct letter, **A-I**, in boxes 1-5 on your answer sheet.

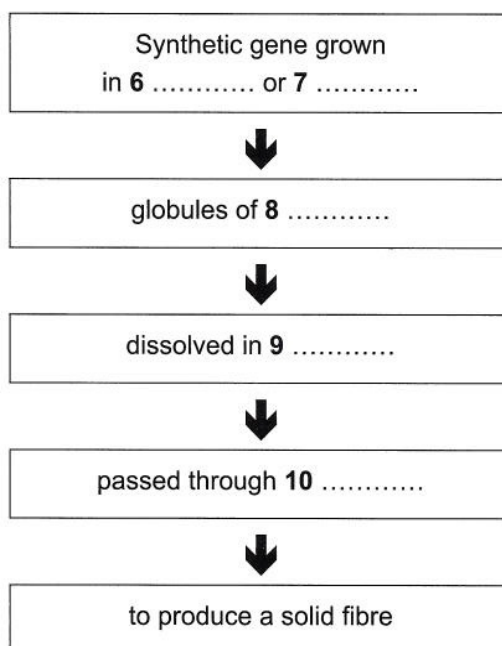
- 1 a comparison of the ways two materials are used to replace silk-producing glands
- 2 predictions regarding the availability of the synthetic silk
- 3 ongoing research into other synthetic materials
- 4 the research into the part of the spider that manufactures silk
- 5 the possible application of the silk in civil engineering

Questions 6 – 10

Complete the flow-chart below.

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

Write your answers in boxes 6-10 on your answer sheet.



Questions 11 – 13

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

In boxes 11-13 on your answer sheet, write

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

- 11 Biosilk has already replaced nylon in parachute manufacture.
- 12 The spider produces silk of varying strengths.
- 13 Lewis and Dorsch co-operated in the synthetic production of silk.

Turn over ►

READING PASSAGE 2

You should spend about 20 minutes on **Questions 14-26**, which are based on Reading Passage 2 on pages 6 and 7.

Revolutions in Mapping

Today, the mapmaker's vision is no longer confined to what the human eye can see. The perspective of mapmaking has shifted from the crow's nest of the sailing vessel, mountain top and airplane to new orbital heights. Radar, which bounces microwave radio signals off a given surface to create images of its contours and textures, can penetrate jungle foliage and has produced the first maps of the mountains of the planet Venus. And a combination of sonar and radar produces charts of the seafloor, putting much of Earth on the map for the first time. 'Suddenly it's a whole different world for us,' says Joel Morrison, chief of geography at the U.S. Bureau of the Census. 'Our future as mapmakers – even ten years from now – is uncertain.'

The world's largest collection of maps resides in the basement of the Library of Congress in Washington, D.C. The collection, consisting of up to 4.6 million map sheets and 63,000 atlases, includes magnificent bound collections of elaborate maps – the pride of the golden age of Dutch cartography*. In the reading room scholars, wearing thin cotton gloves to protect the fragile sheets, examine ancient maps with magnifying glasses. Across the room people sit at their computer screens, studying the latest maps. With their prodigious memories, computers are able to store data about people, places and environments – the stuff of maps – and almost instantly information is displayed on the screen in the desired geographic context, and at the click of a button, a print-out of the map appears.

Measuring the spherical Earth ranks as the first major milestone in scientific cartography. This was first achieved by the Greek astronomer Eratosthenes, a scholar at the famous Alexandrian Library in Egypt in the third century BC. He calculated the Earth's circumference as 25,200 miles, which was remarkably accurate. The longitudinal circumference is known today to be 24,860 miles.

Building on the ideas of his predecessors, the astronomer and geographer Ptolemy, working in the second century AD, spelled out a system for organising maps according to grids of latitude and longitude. Today, parallels of latitude are often spaced at intervals of 10 to 20 degrees and meridians** at 15 degrees, and this is the basis for the width of modern time zones. Another legacy of Ptolemy's is his advice to cartographers to create maps to scale. Distance on today's maps is expressed as a fraction or ratio of the real distance. But mapmakers in Ptolemy's time lacked the geographic knowledge to live up to Ptolemy's scientific principles. Even now, when surveyors achieve accuracies down to inches and satellites can plot potential missile targets within feet, maps are not true pictures of reality.

* cartography: mapmaking

** meridians: lines of longitude on the earth running north to south

However, just as the compass improved navigation and created demand for useful charts, so the invention of the printing press in the 15th century put maps in the hands of more people, and took their production away from monks, who had tended to illustrate theology rather than geography. Ocean-going ships launched an age of discovery, enlarging both what could and needed to be mapped, and awakened an intellectual spirit and desire for knowledge of the world.

Inspired by the rediscovered Ptolemy, whose writing had been preserved by Arabs after the sacking of the Alexandrian Library in AD 931, mapmakers in the 15th century gradually replaced theology with knowledge of faraway places, as reported by travelling merchants like Marco Polo.

Gerhardus Mercator, the foremost shipmaker of the 16th century, developed a technique of arranging meridians and parallels in such a way that navigators could draw straight lines between two points and steer a constant compass course between them. This distortion formula, introduced on his world map of 1569, created the 'Greenland problem'. Even on some standard maps to this day, Greenland looks as large as South America – one of the many problems when one tries to portray a round world on a flat sheet of paper. But the Mercator projection was so practical that it is still popular with sailors.

Scientific mapping of the land came into its own with the achievements of the Cassini family – father, son, grandson and great-grandson. In the late 17th century, the Italian-born founder, Jean-Dominique, invented a complex method of determining longitude based on observations of Jupiter's moons. Using this technique, surveyors were able to produce an accurate map of France. The family continued to map the French countryside and his great-grandson finally published their famous Cassini map in 1793 during the French Revolution. While it may have lacked the artistic appeal of earlier maps, it was the model of a social and geographic map showing roads, rivers, canals, towns, abbeys, vineyards, lakes and even windmills. With this achievement, France became the first country to be completely mapped by scientific methods.

Mapmaking has come a long way since those days. Today's surveyors rarely go into the field without being linked to navigation satellites. Their hand-held receivers are the most familiar of the new mapping technologies, and the satellite system, developed and still operated by the US Defense Department, is increasingly used by surveyors. Even ordinary hikers, sailors and explorers can tap into it for data telling them where they are. Simplified civilian versions of the receivers are available for a few hundred dollars and they are also the heart of electronic map displays available in some cars. Cartography is pressing on to cosmic frontiers, but its objective is, and always has been, to communicate a sense of 'here' in relation to 'there', however far away 'there' may be.

Questions 14 – 18

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

Write the correct letter in boxes 14-18 on your answer sheet.

- 14** According to the first paragraph, mapmakers in the 21st century
- A** combine techniques to chart unknown territory.
 - B** still rely on being able to see what they map.
 - C** are now able to visit the darkest jungle.
 - D** need input from experts in other fields.
- 15** The Library of Congress offers an opportunity to
- A** borrow from their collection of Dutch maps.
 - B** learn how to restore ancient and fragile maps.
 - C** enjoy the atmosphere of the reading room.
 - D** create individual computer maps to order.
- 16** Ptolemy alerted his contemporaries to the importance of
- A** measuring the circumference of the world.
 - B** organising maps to reflect accurate ratios of distance.
 - C** working out the distance between parallels of latitude.
 - D** accuracy and precision in mapping.
- 17** The invention of the printing press
- A** revitalised interest in scientific knowledge.
 - B** enabled maps to be produced more cheaply.
 - C** changed the approach to mapmaking.
 - D** ensured that the work of Ptolemy was continued.
- 18** The writer concludes by stating that
- A** mapmaking has become too specialised.
 - B** cartographers work in very harsh conditions.
 - C** the fundamental aims of mapmaking remain unchanged.
 - D** the possibilities of satellite mapping are infinite.

Questions 19 – 21

Look at the following list of achievements (Questions 19-21) and the list of mapmakers below.

Match each achievement with the correct mapmaker, **A, B, C** or **D**.

Write the correct letter, **A, B, C** or **D**, in boxes 19-21 on your answer sheet.

- 19** came very close to accurately measuring the distance round the Earth
- 20** produced maps showing man-made landmarks
- 21** laid the foundation for our modern time zones

List of Mapmakers

- A** Mercator
B Ptolemy
C Cassini family
D Eratosthenes

Questions 22 – 26

Complete the summary below.

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

Write your answers in boxes 22-26 on your answer sheet.

Ancient maps allow us to see how we have come to make sense of the world. They also reflect the attitudes and knowledge of the day. The first great step in mapmaking took place in **22** in the 3rd century BC. Work continued in this tradition until the 2nd century AD but was then abandoned for over a thousand years, during which time maps were the responsibility of **23** rather than scientists. Fortunately, however, the writings of **24** had been kept, and interest in scientific mapmaking was revived as scholars sought to produce maps, inspired by the accounts of travellers.

These days, **25** are vital to the creation of maps and radar has allowed cartographers to map areas beyond our immediate world. In addition, this high-tech equipment is not only used to map faraway places, but cheaper versions have also been developed for use in **26**

Turn over ►

READING PASSAGE 3

You should spend about 20 minutes on **Questions 27-40**, which are based on Reading Passage 3 on pages 11 and 12.

Questions 27 – 31

Reading Passage 3 has five sections, **A-E**.

Choose the correct heading for each section from the list of headings below.

Write the correct number, **i-vii**, in boxes 27-31 on your answer sheet.

List of Headings

- | | |
|------------|-------------------------------------------------------------------|
| i | An experiment using people who are receiving medical treatment |
| ii | The experiment that convinced all the researchers |
| iii | Medical benefits of hypnosis make scientific proof less important |
| iv | Lack of data leads to opposing views of hypnotism |
| v | The effects of hypnosis on parts of the brain involved in vision |
| vi | Inducing pain through the use of hypnotism |
| vii | Experiments used to support conflicting views |

- | | |
|-----------|------------------|
| 27 | Section A |
| 28 | Section B |
| 29 | Section C |
| 30 | Section D |
| 31 | Section E |

Hypnotism – is it real or just a circus trick?

- A** Hypnosis has been shown through a number of rigorously controlled studies to reduce pain, control blood pressure, and even make warts go away. But because very few studies have attempted to define the actual processes involved, most scientists are sceptical of its power and uses. That scepticism has driven David Spiegel, a professor of psychiatry at Stanford University School of Medicine, USA, and other researchers to take a hard look at what happens in the brain during hypnosis.

Among researchers there are two schools of thought. One claims that hypnosis fundamentally alters subjects' state of mind: they enter a trance, which produces changes in brain activity. The other believes that hypnosis is simply a matter of suggestibility and relaxation. Spiegel belongs to the first school and over the years has had a debate with two scientists on the other side, Irving Kirsch, a University of Connecticut psychologist, and Stephen Kosslyn, a Harvard professor.

- B** Kirsch often uses hypnosis in his practice and doesn't deny that it can be effective. 'With hypnosis you do put people in altered states,' he says. 'But you don't need a trance to do it.' To illustrate the point, Kirsch demonstrates how a subject holding a small object on a chain can make it swing in any direction by mere suggestion, the chain responding to minute movements in the tiny muscles of the fingers. 'You don't have to enter a trance for your subconscious and your body to act upon a suggestion,' Kirsch says. 'The reaction is the result of your focusing on moving the chain in a particular direction.'

Spiegel disagrees. One of his best known studies found that when subjects were hypnotised and given suggestions their brain wave patterns changed, indicating that they had entered a trance. In one of his studies, people under hypnosis were told their forearms were numb, then given light electrical shocks to the wrists. They didn't flinch or respond in any way, and their brain waves resembled those of people who experienced a much weaker shock. To Kirsch this still wasn't enough to prove the power of trance, but Stephen Kosslyn was willing to be convinced. Many external factors could have been responsible for the shift in the subjects' state of mind, but Kosslyn wondered, 'Is there really something going on in the brain?'

- C** To find out, Spiegel and Kosslyn decided to collaborate on a study focusing on a part of the brain that is well understood: the circuit which has been found to process the perception of colour. Spiegel and Kosslyn wanted to see if subjects could set off the circuit by visualising colour while under hypnosis. They selected eight people for the experiment conducted at Massachusetts General Hospital. The subjects were put in a scanner and shown a slide with coloured rectangles while their brain activity was mapped. Then they were shown a black and white slide and told to imagine its having colour. Both tasks were then repeated under hypnosis.

The results were striking. When the subjects truly saw the coloured rectangles, the circuit lit up on both sides of the brain; when they only had to imagine the colour, the circuit lit up only in the right hemisphere. Under hypnosis, however, both sides of the brain became active, just as in regular sight; imagination seemed to take on the quality of a hallucination.

After the experiment, Kosslyn was forced to admit, 'I'm absolutely convinced now that hypnosis can boost what mental imagery does.' But Kirsch remained sceptical, saying, 'The experiments demonstrate that people are experiencing the effects of hypnotic suggestion but don't prove that they are entering a trance.' He also argued that subjects were told to *see* the card in colour when they were hypnotised but only to *imagine* it in colour when they weren't. 'Being told to pretend you're having an experience is different from the suggestion to have the experience.'

- D** Spiegel, however, is a clinician first and a scientist second. He believes the most important thing is that doctors recognise the power of hypnosis and start to use it. Working with Elvira Lang, a radiologist at a Harvard Medical Centre, he is testing the use of hypnosis in the operating room just as he and Kosslyn did in the scanner. Spiegel and Lang took 241 patients scheduled for surgery and divided them into three groups. One group received standard care, another standard care with a sympathetic care provider and the third received standard care, a sympathetic care provider and hypnosis. Every 15 minutes the patients were asked to rate their pain and anxiety levels. They were also hooked up to painkilling medication which they could administer to themselves.

On average, Spiegel and Lang found the hypnotised subjects used less medication, experienced less pain and felt far less anxiety than the other two groups. Original results published in *The Lancet* have been further supported by ongoing studies conducted by Lang.

- E** Spiegel's investigations into the nature of hypnosis and its effects on the brain continue. However, if hypnosis is ever to work its way into mainstream medicine and everyday use, physicians will need to know there is solid science behind what sounds like mysticism. Only then will their reluctance to using such things as mind over matter be overcome. 'I agree that the medical use of hypnotism should be based on data rather than belief,' says Spiegel, 'but in the end it doesn't really matter *why* it works, as long as it helps our patients.'

Questions 32 – 36

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

Write the correct letter in boxes 32-36 on your answer sheet.

- 32** Kirsch uses a small object on a chain to demonstrate that
- A** inducing a trance is a simple process.
 - B** responding to a suggestion does not require a trance.
 - C** muscles respond as a result of a trance.
 - D** it is difficult to identify a trance.
- 33** Spiegel disagrees with Kirsch because the subjects in Spiegel's experiment
- A** believed what they were told.
 - B** showed changes in brain activity.
 - C** responded as expected to shocks.
 - D** had similar reactions to control subjects.
- 34** Kosslyn's response to Spiegel's electric shock experiment was to
- A** challenge the results because of external factors.
 - B** work with Kirsch to disprove Spiegel's results.
 - C** reverse his previous position on trance.
 - D** accept that Spiegel's ideas might be correct.
- 35** Spiegel and Kosslyn's experiment was designed to show that hypnosis
- A** affects the electrical responses of the brain.
 - B** could make colour appear as black and white.
 - C** has an effect on how shapes are perceived.
 - D** can enhance the subject's imagination.
- 36** Kirsch thought Spiegel and Kosslyn's results
- A** were worthy of further investigation.
 - B** had nothing to do with hypnotic suggestion.
 - C** showed that the possibility of trance existed.
 - D** were affected by the words used in the instructions.

Questions 37 – 40

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

In boxes 37-40 on your answer sheet, write

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

- 37 Spiegel is more interested in scientific research than medical practice.
- 38 Patients in the third group in Spiegel and Lang's experiment were easily hypnotised.
- 39 In Spiegel and Lang's experiment, a smaller amount of painkiller was needed by the hypnotised patients than by the other two groups.
- 40 Spiegel feels that doctors should use hypnotism only when it is fully understood.

Candidate number

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Candidate name _____

INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM

Listening

Practice Materials

Approximately 30 minutes

Additional materials:

Answer sheet for Listening and Reading

Time Approximately 30 minutes (plus 10 minutes' transfer time)

INSTRUCTIONS TO CANDIDATES

Do not open this question paper until you are told to do so.

Write your name and candidate number in the spaces at the top of this page.

Listen to the instruction for each part of the paper carefully.

Answer all the questions.

While you are listening, write your answers on the question paper.

You will have 10 minutes at the end of the test to copy your answers onto the separate answer sheet.

Use a pencil.

At the end of the test, hand in this question paper.

INFORMATION FOR CANDIDATES

There are **four** parts to the test.

You will hear each part **once** only.

There are **40** questions.

Each question carries one mark.

For each part of the test, there will be time for you to look through the questions and time for you to check your answers.

SECTION 1**Questions 1 – 10**

Questions 1 and 2

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

Example

Penny's interview took place

- | | |
|----------|----------------|
| A | yesterday. |
| B | last week. |
| C | two weeks ago. |

1 What kind of shop is it?

- | | |
|----------|---------------------------|
| A | a ladies' dress shop |
| B | a department store |
| C | a children's clothes shop |

2 What is the name of the section Penny will be working in?

- | | |
|----------|---------------|
| A | the Youngster |
| B | the Youngset |
| C | the Young Set |

Questions 3 – 10

Complete the notes below.

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

- Pay:** \$6.50 an hour
- Breaks:** one hour for lunch and **3** coffee breaks
- Holidays:** three weeks a year in the first two years
four weeks a year in the **4**
- Staff training:** held on the **5** of every month
- Special staff benefits or 'perks':** staff discount of **6** on everything except sale goods
- Information on pension:** see Personnel Manager, office in **7**
- Boss's name:** **8**
- Duties:** serve customers
9
check for shoplifters
check the stock
- Expected to wear:** a **10** , a red blouse, and a name badge

Turn over ►

SECTION 2**Questions 11 – 20**

Questions 11 – 13

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

11 The Bridge Hotel is located in

- A** the city centre.
- B** the country.
- C** the suburbs.

12 The newest sports facility in the hotel is

- A** a swimming pool.
- B** a fitness centre.
- C** a tennis court.

13 The hotel restaurant specialises in

- A** healthy food.
- B** local food.
- C** international food.

Questions 14 and 15

Choose **TWO** letters, **A-E**.

Which **TWO** business facilities are mentioned?

- A** internet access
- B** mobile phone hire
- C** audio-visual facilities
- D** airport transport
- E** translation services

Questions 16-20

Complete the table below.

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

Short Break Packages		
Length of stay	Cost (per person per night)	Special features
2 days	16 £	Full cooked breakfast Entertainment in the 17
3 days	£60	As above, plus: - a 18
5 days	19 £	As above, plus: - 2 days' free beauty therapy - full-day membership of a 20

SECTION 3**Questions 21 – 30**

Questions 21 and 22

Complete the sentences below.

Write **NO MORE THAN TWO WORDS** for each answer.

Research Project

- Harry and Katy have to concentrate on coastal change for their next project.
- 21 Their work could be delayed by the
- They plan to get help from the Marine Biology Unit.
- 22 Before they go to the beach, they need to visit the

Questions 23 – 26

Who will do each of the following tasks?

- | | |
|----------|---------------------|
| A | Katy |
| B | Harry |
| C | Both Katy and Harry |

Write the correct letter, **A**, **B** or **C**, next to questions 23-26.

Tasks

- 23 take photographs
- 24 collect samples
- 25 interview people
- 26 analyse data

Questions 27 – 30

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

- 27** Why does Harry want to do the presentation?
- A** to practise skills for his future career
 - B** to catch up with his course requirements
 - C** to get a better mark than for his last presentation
- 28** What is Katy's attitude to writing up the project?
- A** She is worried about the time available for writing.
 - B** She thinks it is unfair if she has to do all the writing.
 - C** She is concerned that some parts will be difficult.
- 29** Why does Harry want to involve the other students at the end of the presentation?
- A** to get their opinions about the conclusions
 - B** to help him and Katy reach firm conclusions
 - C** to see if they have reached similar conclusions
- 30** Katy agrees to deal with any questions because
- A** she feels she will be confident about the material.
 - B** Harry will be doing the main presentation.
 - C** she has already told Dr Smith she will do this.

SECTION 4**Questions 31 – 40**

Questions 31 – 33

Complete the sentences below.

Write **NO MORE THAN THREE WORDS** for each answer.

Peregrine Falcons

- 31 The Peregrine falcons found in are not migratory birds.
- 32 There is disagreement about their maximum
- 33 When the female is guarding the nest, the male spends most of his time

Questions 34 – 37

Complete the table below.

Write **NO MORE THAN THREE WORDS** for each answer.

Age of falcons	What occurs
20 days old	The falcons 34
28 days old	The falcons are 35
2 months old	The falcons 36 permanently
1-12 months old	More than half of falcons 37

Questions 38 – 40

Complete the notes below.

Write **NO MORE THAN THREE WORDS** for each answer.

Procedures used for field research on Peregrine falcon chicks

First: catch chicks

Second: **38** to legs

Third: **39** of chicks

Fourth: take blood sample to assess level of pesticide

Fifth: check the **40** of the birds

Candidate number

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Candidate name _____

INTERNATIONAL ENGLISH LANGUAGE TESTING SYSTEM

Academic Writing

1 hour

Additional materials:

Writing answer booklet

Time 1 hour

INSTRUCTION TO CANDIDATES

Do not open this question paper until you are told to do so.

Write your name and candidate number in the spaces at the top of this page.

Read the instruction for each task carefully.

Answer both of the tasks.

Write at least 150 words for Task 1.

Write at least 250 words for Task 2.

Write your answers in the answer booklet.

Write clearly in pen or pencil. You may make alterations, but make sure your work is easy to read.

At the end of the test, hand in both this question paper and your answer booklet.

INFORMATION FOR CANDIDATES

There are **two** tasks on this question paper.

Task 2 contributes twice as much as Task 1 to the Writing score.

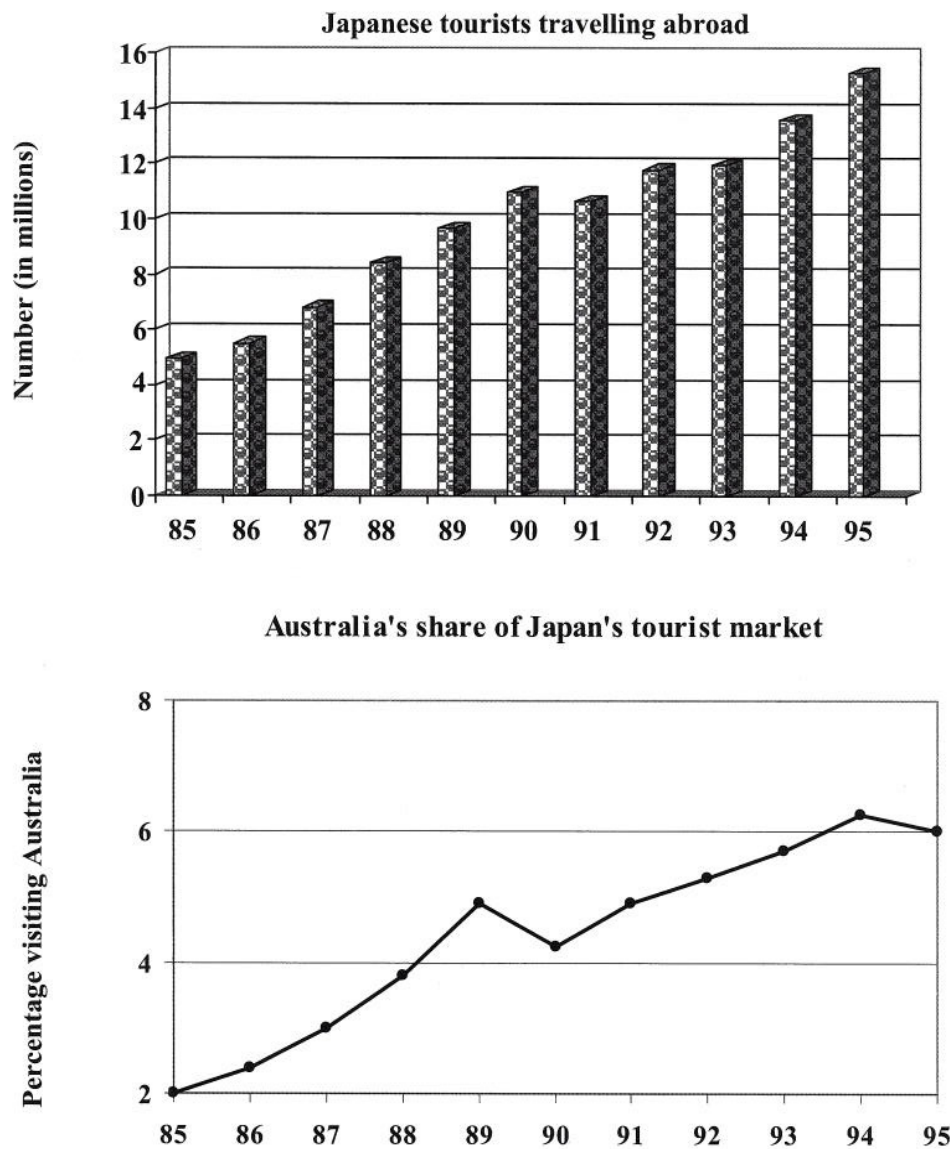
WRITING TASK 1

You should spend about 20 minutes on this task.

The charts below show the number of Japanese tourists travelling abroad between 1985 and 1995 and Australia's share of the Japanese tourist market.

Summarise the information by selecting and reporting the main features, and make comparisons where relevant.

Write at least 150 words.



WRITING TASK 2

You should spend about 40 minutes on this task.

Write about the following topic:

In many countries children are engaged in some kind of paid work. Some people regard this as completely wrong, while others consider it as valuable work experience, important for learning and taking responsibility.

Discuss both these views and give your own opinion.

Give reasons for your answer and include any relevant examples from your own knowledge or experience.

Write at least 250 words.