

MARK SCHEME for the October/November 2008 question paper

0510 ENGLISH AS A SECOND LANGUAGE

0510/04

Paper 4 (Listening – Extended), maximum raw mark 36

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the October/November 2008 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Page 2	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

Questions 1-6

- 1 supermarket/after roundabout **(BOTH FOR 1 mark)**
- 2 toffee AND lemon AND vanilla
- 3 to practise [1]
catch 6.10 bus [1]
- 4 candles matches knife **(THREE for 1 mark)** [1]
- 5 fill in an application form/say why you should be chosen [1]
- 6 freezing fog [1]
free overnight stay/hotel/breakfast [1]

[Total: 8]

Question 7 MARINE ARCHAEOLOGY

- How to become a marine archaeologist:** spend three years at university; do FIELD work and DIVER training. [1]
- Searches carried out for:** SHIPWRECKS, lost cargoes, underwater landscapes, OLD HARBOURS and areas of interest. [1]
- Duties when not diving:** record NEW DISCOVERIES, write articles and attend CONFERENCES. [1]
- Marine archaeologist's typical day:** research and carry out a dive, WRITE REPORT, prepare next day's plans. [1]
- Exhibition of "Sunken History":** handle objects, watch WEBCAM of dive and see techniques and TOOLS used. [1]
- Nautical Archaeology Society:**
- website address: www.nas.org [1]
- website gives details of: activity days, events, lectures and how to join the E-MAIL NEWSLETTER list to keep up to date with marine archaeology. [1]

[Total: 7]

Page 3	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

Question 8 NEW CREATURES FOUND

Cave discoveries

- Two named animal types:** WHITE shrimp and BLIND white scorpion. [1]
- Not previously identified:** because found 120 metres UNDERGROUND, only discovered during drilling. [1]
- Cave species dates from:** FIVE MILLION years ago. [1]

Mouse discovery

- Differences from native mice:** BIGGER EYES, EARS and TEETH. [1]
- Mouse species dates from:** more than NINE to TEN THOUSAND years ago. [1]
- Reason for earlier disappearance:** SETTLERS/HUMANS brought strong mainland mice, which ate the food of native species. [1]

Newly discovered species

- New species:** usually found in areas of LOW (human) population. [1]
- All discoveries unusual:** cave species because SEALED OFF from the world, while mouse species was living alongside busy, MODERN LIFE/CYPRUS LIFE. [1]

[Total: 9]

Question 9 ISTANBUL TUNNEL

- (a) tunnel linking (both sides of) Istanbul/two continents/Europe and Asia [1]
 OR first rail tunnel beneath Bosphorus Straits
 OR 14 km rail and road tunnel
(ANY ONE)
- (b) ease traffic, make transport easier, help resist earthquakes **(THREE for 1 mark)** [1]
- (c) discovery of: archaeological find [1]
 /old port OR 4th Century port OR Constantinople
 /artefacts OR wooden boat OR city wall
(ANY ONE)
- (d) seabed reinforced with concrete/concrete put in seabed [1]
- (e) near fault line/earthquake zone/earth tremors in the area [1]
(ANY ONE)
- (f) there are two already/no room/can't carry 1 million passengers/won't reduce number of boats [1]
(ANY ONE)

[Total: 6]

Page 4	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

Question 10 DWARF PLANETS

- (a) planets/dwarf planets/moons/comets/asteroids (ANY THREE for 1 mark) [1]
- (b) became a dwarf planet/classified as dwarf planet [1]
- (c) orbit takes longer than 200 years [1]
- (d) orbits a star/is not a star/large/spherical (ANY TWO for 1 mark) [1]
- (e) 5.9 billion km from sun AND 2300 km across AND 250 years to orbit (sun) (THREE for 1 mark) [1]
- (f) many new planets being discovered/more than 50 planets in Solar System [1]

[Total: 6]

TAPESCRIPT

**IGCSE English as a Second Language
0510/04 Listening Extended**

November 2008

TRACK 1

**R1 University of Cambridge International Examinations
International General Certificate of Secondary Education**

November Examination Session 2008

**English as a Second Language
Paper 4 – Listening Comprehension**

Welcome to the exam.

In a moment, your teacher is going to give out the question papers. When you get your paper, fill in your name, Centre number and candidate number on the front page. Do not talk to anyone during the test.

If you would like the recording to be louder, tell your teacher NOW. The recording will not be stopped while you are doing the test.

Teacher: please give out the question papers, and when all the candidates are ready to start the test, please turn the recording back on.

[BLEEP]

Page 5	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

TRACK 2

R1 Now you are all ready, here is the test.

Look at Questions 1 to 6. For each question you will hear the situation described as it is on your exam paper. You will hear each item twice.

Pause 00'05"

R1 Questions 1-6

For questions 1-6 you will hear a series of short sentences. Answer each question on the line provided. Your answer should be as brief as possible. You will hear each item twice.

R1 Question 1 Where exactly will the driver find petrol? Give two details.

*V1 Excuse me, do you live locally? We need petrol and can't find a station anywhere.

V2 There are none here in the village. Keep going on the main road and there is a petrol station at the supermarket after the roundabout which leads into the next town. It's a long way away.

V1 Thanks so much for your help. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 Question 2 Which three flavours of ice cream will the friends purchase?

*V1 Let's have an ice-cream, it's so hot today. I'll have toffee, which flavour do you want?

V2 Chocolate chip please, no strawberry, no lemon, that's my final decision.

V1 Good and I know that Mena likes vanilla-flavoured ice cream, so I'll get that for her. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 Question 3 Why must Ibrahim arrive for his sports match by 7.00, and how will he get there on time?

*V1 What time does the match start this evening?

V2 7.30 Ibrahim, but you need to be there by 7.00 to practise a bit first. You'll need to catch the 6.10 bus. The next one gets there too late.

V1 Right. I'll be there. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 Question 4 Which three items must Chang bring along with the birthday cake?

*V1 It's Kirsti's birthday on Thursday. Let's take her to the beach for a picnic after school.

Page 6	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

V2 Good idea Chang. I'll bring some crisps and orange juice to drink.

V1 And I'll bring a birthday cake for her.

V2 Don't forget the candles plus matches.... oh and a knife to cut it with. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 Question 5 How can a student get a place on the exchange visit?

*V1 Listen everybody. Our college has plans for an exchange trip to Japan next summer. You will live with a host family and attend school with an exchange partner. During the autumn that same student will come to stay with you in return. There are only 25 places on this trip – be sure you fill in the section on your application form explaining why you should be chosen to go. That is how we'll decide who will fill the places. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 Question 6 Why is the flight delayed, and what is being offered by the airline?

*V1 Excuse me, I'd like to check in for my flight.

V2 I'm sorry but your flight to Nairobi has been delayed due to freezing fog. As it's so late in the evening now, the airline is offering passengers booked on this flight a free overnight stay at the airport hotel with breakfast.

V1 Ok, but I must contact my relatives. When do you think that the flight will leave?

V2 We hope that the flight will be able to depart early in the morning; it all depends on the weather. **

Pause 00'10"

*Repeat from * to ***

Pause 00'05"

R1 That is the last question of Questions 1 to 6. In a moment you will hear Question 7. Now look at the questions for this part of the exam.

Pause 00'20".

Page 7	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

TRACK 3

R1 Question 7

Listen to the following interview with a marine archaeologist, and then complete the notes below. You will hear the interview twice.

- V1 Good evening and welcome to our "New Careers" series. Tonight we welcome Yannis Georgiou who is a marine archaeologist. Yannis, please could you tell us what that means?
- V2 Certainly, I have studied to become an archaeologist. That involves three long years at university and much practical field work. Now I have chosen to specialise in underwater archaeology, that is marine archaeology.
- V1 So you had to train as a diver too?
- V2 Of course, but I loved that. As a young boy I was already interested in diving, and ideas of buried treasure filled my mind even then.
- V1 Is that what you search for, buried treasure?
- V2 Yes, but I've never found any! Seriously though, all archaeological finds underwater are treasures since they tell us so much about past civilisations. We search shipwrecks, lost cargoes, submerged landscapes, old harbours, and areas of submarine geological and archaeological interest. We are currently holding an exhibition of some of our finds locally. It's called the "Exhibition of Sunken History".
- V1 I have read about that on your website.
- V2 Yes our website is good for information about marine archaeology around the world. The address is www.nas.org.
- V1 So do you spend all your working hours underwater?
- V2 Oh no. For most of the time I am a normal land-based archaeologist. I have to record and catalogue new discoveries and carry out surveys. I also publish articles about new finds for our press releases, local news stations and our quarterly newsletter. I also have to attend conferences, either as a delegate or as a speaker, and sometimes that involves travel all over the world.
- V1 What would your normal day be like then?
- V2 If I am here and working on a project then I will firstly do some research about what I'm expecting to find. Then the dive will take place, probably just a survey, rather than trying to recover objects from the seabed. Remember some of these items are huge. Ships and most other underwater finds have to be lifted to the surface by crane. After the dive I write up a report on it and prepare for the next day's work.
- V1 I suppose your dives are dependent on good weather and tidal conditions?
- V2 Yes, our researchers set all that up. Obviously if the weather breaks or bad weather is forecast we wait for more favourable conditions.
- V1 So how can we become involved and help your work?
- V2 By raising awareness about marine archaeology. You can come to our "Sunken History" exhibition. You'll be invited to handle artefacts and treasures recovered from the seabed. You can also watch the webcam of an actual dive, learn some of our techniques and see the tools we use underwater. Above all, we aim to give people all over the world access to their own maritime heritage. By that I mean everything which lies beneath their coastal waters. Our website also contains details of activity days, lectures and events. Add yourself to our e-mail newsletter list too and we'll keep you up-to-date with our finds.

Page 8	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

www.PapaCambridge.com

Pause 00'30"

R1 Now you will hear the interview again.

Repeat from * to **

Pause 00'30"

R1 That is the end of Question 7. In a moment you will hear Question 8. Now look at the questions for this part of the exam.

Pause 00'25"

TRACK 4

R1 Question 8

Listen to the following interview about some newly discovered animal species, and then complete the notes below. You will hear the interview twice.

- *V1 Welcome to "Science World". Today we are going to find out about some species of animals which have only just been discovered – they are completely new to mankind. Scientists had thought from fossil records that some of these must have died out as humankind began. Here to tell us all about these exciting new discoveries is science reporter Annika Borman.
- V2 Yes, you've probably heard the exciting news headlines about the eight previously unknown types of creature found in a cave near the city of Ramle in central Israel.
- V1 Yes it made world news. Tell us more.
- V2 The largest animal belongs to the family called crustacean – like crabs – in fact it's a sort of white shrimp. It is white because it had no need for pigment as protection against the sun's rays.
- V1 Amazing!
- V2 Another of these species looks like a white scorpion and is completely blind – why? Well it has always lived in complete darkness – so no need for sight.
- V1 In darkness? Didn't it ever go outside of the cave where it was discovered then?
- V2 Well the cave was only uncovered during drilling at a quarry where a team was trying to extract rock for local use. The cave is underground and is connected to a lake, this explains the presence of the new white shrimp in the water. A network of passages extends underground for more than a mile out of this cave. All of this is 120m underground.
- V1 So how long had it all been there then?
- V2 Scientists think it dates back 5 million years when the cave area was actually part of the Mediterranean Sea. There could be many other ancient life forms in there and the good thing is that the ones we have found are still alive!
- V1 That is wonderful.
- V2 Yes but did you hear also on the news that a new species of mouse has been found in Cyprus? It's being called a "living fossil", it's so old.

Page 9	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

- V1 How do you know this breed of mouse had not previously been identified? How is it different from other type of mouse?
- V2 It has bigger eyes, ears and teeth than indigenous mice living in the area – it is thought it is part of a species of mouse, which went extinct as a result of early man’s activities.
- V1 How do you know that then?
- V2 Scientists compared the shape of the teeth of this mouse with fossils of mice collected in Cyprus. This study showed that the species had arrived well before the human colonisation of the island nine to ten thousand years ago and then it disappeared.
- V1 Why?
- V2 Scientists assume that settlers had brought in mice which overtook this newly discovered breed. You see when humans arrived they brought with them strong mainland species which ate or seized the food of all native creatures.
- V1 So why is it a living fossil then?
- V2 Because it arrived before humans and is still alive and it compares well with the old fossil mice. Also it shows us what the creatures were like in Cyprus 10,000 years ago, very different from today.
- V1 There are many new finds at the moment aren’t there? Surely most of them are in tropical regions with low human populations.
- V2 Exactly so. That is why all of these finds are unusual. The first ones, the shrimp and scorpion and others, below ground and therefore sealed off from civilisation in Israel. The second find, the mouse, living amid modern life in Cyprus. Both highly unusual and significant discoveries. **

Pause 00’30”

R1 Now you will hear the interview again.

Repeat from * to **

Pause 00’30”

R1 That is the end of Question 8. In a moment you will hear Question 9. Now look at the questions for this part of the exam.

Pause 00’35”

TRACK 5

R1 Question 9

Listen to the following interview about a new tunnel, and then answer the questions below. You will hear the interview twice.

- *V1 Hello, and welcome to Istanbul and to the project of the century. 150 years ago, Sultan Abdul Mecit dreamed of joining two continents together here by building a tunnel. Now in the twenty-first century, this vision is about to become reality. Here is Kaan Sami, chief engineer for the project.
- V2 Yes, the construction work is underway on the first rail tunnel beneath the Bosphorus Straits in Turkey. Istanbul has a unique position; it lies in both Europe and Asia with water in between. The aim of the

Page 10	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

four-year project is to link the European and Asian sides of our city of Istanbul by using a 14-kilometre long rail and road tunnel.

- V1 Oh, that will be a real asset to the city, won't it?
- V2 Certainly. It will ease surface traffic congestion, make transport easier and hopefully be strong enough to resist earthquakes in the region.
- V1 It sounds a very ambitious project.
- V2 Well, the whole project will cost 2.6 billion dollars. The trouble is that while building the tunnel we have come upon an archaeological find of great importance and this has delayed us.
- V2 Tell us more.
- V2 We have discovered a 4th Century port – it's what used to be called Constantinople, one of the busiest places in Byzantium. So far, three metres of the landing jetty have been uncovered. We've found leather sandals, candle-holders and hairbrushes showing us what 4th Century daily life was like. But our biggest find to date is a wooden boat which is over 1,000 years old. We have also found a long stretch of 1st Century city wall at the site of our planned 21st Century railway terminus. We cannot begin work on our tunnel in that area now until all excavation work is completed.
- V1 So you have had to focus on other aspects and areas of the tunnel?
- V2 Exactly. As we speak there are engineers working day and night out at sea. They are drilling beneath the waves, injecting tonnes of concrete into the soil of the seabed. This will strengthen the roof of the tunnel and help to make it more earthquake-proof before we begin the actual tunnelling.
- V1 Why are you doing that?
- V1 Because the route of the tunnel runs only 6 kilometres from an active fault line which often gives rise to earth tremors in this area.
- V2 It all sounds terribly dangerous. Why not build a bridge instead?
- V2 We already have two bridges and there's no room for a third. The same problem applies above ground anyway, the whole area is affected during earth tremors. The rail link in the planned tunnel alone could carry over a million passengers a day, which would reduce the numbers of boats on the waters of the Bosphorus while also aiding traffic congestion on land. This city links Europe with Asia and therefore it's extremely busy.
- V1 When will I be able to travel through the tunnel then?
- V2 In 2010 we hope. It all depends on what else we find. As we dig we are gradually uncovering history. **

Pause 00'30"

R1 Now you will hear the interview again.

*Repeat from * to **
Pause 00'30"*

R1 That is the end of Question 9. In a moment you will hear Question 10. Now look at the questions for this part of the exam.

Pause 00'35"

Page 11	Mark Scheme	Syllabus
	IGCSE – October/November 2008	0510

TRACK 6

R1 Question 10

Listen to the following talk about the solar system, and then answer the questions below. You will hear the talk twice.

*V1 What actually is our solar system? Put simply, it consists of the Sun and the eight official planets which orbit or travel around it. Also included are at least three dwarf planets, more than 130 moons of the planets and many comets and asteroids.

The solar system is often split into three parts. The inner system comprises the Sun, Mercury, Venus, Earth and Mars. Then comes an asteroid belt, in between Mars and Jupiter. Then follows the outer solar system – Jupiter, Saturn, Uranus and Neptune. Pluto was only discovered in 1930 and was traditionally the ninth planet of the system. However, since the planet's re-definition in 2006, it is now classified as a "dwarf planet". These smaller planets have orbits around the sun that take longer than 200 years to complete.

Some new heavenly bodies have been admitted into our solar system in recent years too – they're Ceres, C-E-R-E-S (the largest spherical asteroid between Mars and Jupiter) and Charon C-H-A-R-O-N, which is Pluto's moon. The largest body discovered and included in the solar system since Neptune's discovery has been called Eris, E-R-I-S, and there are 12 more potential planets on the solar system waiting list.

So what is a planet? Traditionally the word evolved from the Greek word for "wanderer". This simply described an object which appeared to roam the sky. The new definition states that a planet must be in orbit around a star but not be a star itself. It must also be large enough for its own gravity to pull it into an almost-spherical shape. Earth, Mars and the rest of the eight planets all conform to this pattern.

Pluto's status as a planet, however, has been contested for many years. The icy world of Pluto is smaller and further away from the sun than the other eight. Actually it is 5.9 billion kilometres away from the sun. In fact, at only 2,300 kilometres across, Pluto is smaller than some solar system moons. It takes Pluto about 250 Earth years to orbit the sun and that now puts it into the "dwarf planet" category.

Advanced telescope technology has begun to reveal more and more far-off objects which could perhaps be included in the solar system. The International Astronomical Union has had to draw up a policy to classify them. Astronomers have quickly realised that, in a few years, we could have a total of 50 planets in our solar system. This is why they needed a new category of "dwarf planet". The more planetary discoveries made, the greater the need for a re-definition of our solar system.

Pause 00'30"

R1 Now you will hear the talk again.

*Repeat from * to **
Pause 00'30"*

R1 That is the end of Question 10, and of the test.

In a moment your teacher will stop the recording and collect your papers. Please check that you have written your name, Centre number and candidate number on the front of your question paper. Remember, you must not talk until all the papers have been collected.

Pause 00'10"

R1 Teacher, please collect all the papers.

Thank you everyone.