

1. Bài 1

Too Few Women at the Top Is Not Just a Science Problem

It's been 90 years since Britain's first and only woman Nobel Prize winner. Why, asks Julia Higgins.

This year marks the anniversary of a unique event in UK science. It is 40 years since Dorothy Hodgkin won the Nobel Prize for Chemistry and became the only British woman so far to win the ultimate accolade in science.

Her achievement was all the more remarkable because she was afflicted for most of her life by severe rheumatoid arthritis and because her work was carried when few women were able to pursue successful careers in the laboratory. Four decades on, is it any easier for women to break through the glass ceiling in science?

Hodgkin (1910-1994) received the Nobel in 1964 for her discovery of the structure of vitamin B¹², four years after becoming a professor at the University of Oxford. She was one of only a handful of women occupying chairs in British science.

Today, there are a few more women in the upper echelons of academic science, but progress has been slow. In Hodgkin's discipline, chemistry, only 15 of the 385 full-time university professors are female, while women hold fewer than one in 10 of the 880 chairs in the biosciences and only one in 30 of the 450 in physics. Representation of women is better lower down the hierarchy, with nearly one in three full-time university lecturers in the biosciences being women, and more than one in six in chemistry.

These figures provide a startling indication that women are still much less likely than their male contemporaries to join the ranks of the scientific elite in universities. Why is this?

Overt discrimination against women in the workplace is now all but stamped out, thanks to changes reinforced through equal opportunity legislation. However, being a member of a minority at work has less obvious challenges. It can be more difficult to have your achievements recognised by male peers, and making those influential contacts with established senior figures who can help your career can be daunting. Often what you need most is a supportive mentor who can help guide you round the obstacles on your career path.

It was the recognition of these hurdles that partly led to the launch in 1999 of the Athena project, a UK initiative to significantly increase the number of women recruited to the top academic posts in science. By working with universities on staff development, mentoring and networking schemes for women, Athena is helping to embed best practice in science departments.

The project is having an increasing impact. But, it is perhaps surprising that it is being limited by a lack of recognition that many of the same hurdles facing women in university departments occur elsewhere in universities. The low number of women in senior positions is often thought of as a 'science problem', but things are not much better elsewhere.

For instance, men outnumber women by more than seven to one in professorships in the humanities at UK universities and by more than six to one in social studies.

Women may be more prevalent in senior positions in these subjects than in the sciences, but it is clear they are still severely under-represented. The truth is that too few universities are doing enough to improve career development and

support for female staff across all disciplines. This is hampering the many good efforts in science.

More women are junior postdoctoral researchers than in Hodgkin's day, and it is hoped many of these may eventually go on to swell the ranks of professors in science. But experience shows women tend to leak out of the pipeline in disproportionately high numbers at this stage. In recognition of the additional difficulties, the Royal Society in 1995 launched a fellowship scheme, named after Hodgkin, specifically targeted at junior postdoctoral researchers. The scheme is open to both men and women, but its support for flexible working and built-in mentoring means it has proved particularly popular among women, with all but one of the current 47 posts filled by female researchers.

It aims to provide a vital early step in developing an independent research career, with current holders across the full spectrum of subjects, from mathematics to biology. With this early opportunity, and further nurturing throughout their careers, we may yet see one day another female Nobel Prize winner emerging from their midst. (734 words)

Question 1 - 10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. Ms. Dorothy Hodgkin won her Nobel Prize for Chemistry 40 years ago.

Answer:.....

2. Considering her physical condition and research environment, Ms. Dorothy Hodgkin's achievement was extraordinary.

Answer:.....

3. Few women were able to do science jobs in the laboratory successfully.

Answer:

4. More women are at the top of British science now than in the 1950s and 1960s.

Answer:

5. Women are performing better as university lecturers in the fields of biology and chemistry.

Answer:

6. Equal opportunity legislation helps strengthen the discrimination against females.

Answer:

7. The lack of the authority's promotion proves to be a hurdle over women in the professional development.

Answer:

8. Different disciplines should have different ratio of senior positions for female staff.

Answer:.....

9. The more women continue their postdoctoral research, the better chance they will get to squeeze into the rank of professorship in the university.

Answer:

10. Consistent nurturing across the full spectrum of subjects is vital for the emergence of another female Nobel Prize winner.

Answer:



2. Bài 2

You are advised to spend about 15 minutes on the following passage.

Left out or Left behind

It is not enough to fight social exclusion. The government should now focus on inequality.

It may seem a surprising admission for a social exclusion minister, but I have always worried whether social inclusion was really the right social justice goal for a Labour government. We must target help on groups excluded from mainstream society, who often face the greatest deprivation. But there are also many children across Britain living in close families and strong communities who suffer disadvantage and are denied opportunity.

Don't get me wrong. Tackling social exclusion is a difficult and vital challenge. And impressive progress has been made — as we set out in the latest report published today by the Social Exclusion Unit (SEU). But the unit's work on the causes of deprivation and the challenges ahead makes clear that we cannot simply promote a communitarian notion of inclusion. We have to tackle long-term inherited inequalities too.

Already the unit has fundamentally changed the terms of the debate. Remember when Sir George Young, then a Conservative cabinet minister, described the homeless as 'the sort of people you step over on the way out of the opera?' Or when Peter Lilley, then a social security secretary, vilified lone parents while presiding over a steady upward march of child poverty? Such

statements would be politically unacceptable today, even from front bench Tories.

Life for thousands of families has been transformed. Rough sleeping is down by two thirds, thousands of lone parents have been helped by the New Deal, and child poverty is falling. Education and employment gaps between deprived districts and the rest are starting to narrow. Academic analysis shows that the investment in public services since 1997, as well as tax and benefit changes, has provided the greatest help to those with low incomes. New programmes have concentrated on addressing the root causes of social exclusion in poverty and unemployment, on the importance of the early years in widening opportunities, and the need to strengthen disadvantaged communities and neighbourhoods.

But child poverty remains a significant problem. Bangladeshi and Pakistani households are still three times more likely to be stuck on low incomes. Though unemployment has fallen to record lows, new SEU research finds people living in the most deprived streets are 23 times more likely to be jobless than in the most affluent streets.

Now is not the time to pull back from investment in tackling disadvantage. Tory frontbenchers may recoil from the statements of their predecessors, wrapping themselves in the robes of compassionate conservatism. But their plans for a 5% cut in investment in housing and regeneration, Sure Start, and abolishing the New Deal would do just as much damage. Instead, this year's spending review must again champion the fight against injustice and exclusion. That is why the SEU is working with departments to audit spending review plans for their impact on social exclusion, deprivation and wider inequality. Today's SEU report strengthens the case for going beyond inclusion and taking a wider interpretation of the unit's work and the government's goals.

Inequalities still cascade from one generation to the next. Teenagers in Castleford, in my constituency, now expect to avoid long-term unemployment when they leave school. But they still stand a much lower chance of getting good qualifications, high-paid work, or even living to the age of 80, than those growing up in a leafy Surrey suburb. They aren't socially excluded, but they aren't getting a fair deal either. Inclusion alone can't tackle these inherited class injustices. In the last few decades of the 20th Century, inherited disadvantage got worse, not better. Poverty in childhood for those born in 1970 was more likely to lead to poverty in adulthood compared with those born in 1958. Turning those trends around is no mean task. Though we have made a start, it is too early to measure the impact of Labour's policies since 1997 on breaking the link between parents' lives and children's chances.

We need to sustain the focus on the root causes of exclusion — unemployment, poverty and early childhood opportunities. New programmes address inequalities as well as inclusion. So the 'new localism' approach to devolving power to local communities needs to strengthen deprived areas, not leave them behind. New public health policies need to support those on low income, not just make the middle classes healthier. Expanding early years provision needs to reach disadvantaged families as a priority.

As we draw up government spending plans and party manifestoes, the issues in today's report should be at the centre of the debate. If we are to achieve social justice in the next generation, we have to tackle inequality as well as exclusion. (779 words)

Questions 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. More progress needs to be made in tackling social exclusion.

Answer:.....

2. The homeless are the people who sleep on the street outside the grand opera house. Answer:

3. Because it is falling, child poverty should no longer be the focus of the social workers. Answer:.....

4. People in wealthy communities enjoy more work opportunities.

Answer:

5. It is unwise to decrease the investment in housing and regeneration.

Answer:.....

6. SEU, together with the relevant government departments, is attempting to review the reason of inequalities from one generation to the next.

Answer:.....

7. More school leavers are now willing to work but it is hard for them to get steady jobs. Answer:.....

8. Social exclusion is the key to understanding the inherited class injustices.

Answer:

9. Parents' lives and children's chances are closely correlated.

Answer:.....

10. People in deprived areas are more afraid of being left behind than left out.

Answer:

3. Bài 3

You are advised to spend about 15 minutes on the following passage.

Before Disaster Strikes

Brendan Gormley on why aid agencies must raise money to prevent humanitarian emergencies, not just respond to them.

In the first three months of the United Nations' 2003 Iraq appeal, donor governments raised nearly \$2bn (£1.1bn) — \$74 for every person in the country. In comparison, the Democratic Republic of Congo — where an estimated 3 million people have lost their lives in years of conflict — has received only \$17 per person.

It is a dilemma of humanitarian aid that high-profile emergencies tend to receive more aid than those situations where people suffer far from the media spotlight. The 'war on terror' has deepened the gap. There are needs in Iraq. But appeals for aid for countries such as Liberia or Sudan often receive scant attention from donor countries.

It is not the only dilemma facing humanitarian agencies in an age where technology has shrunk the world, but failed to rid it of inequality, conflict, hunger, disease and disaster. How should humanitarian agencies operate? Does aid reach those in need? Do we know where those most in need are?

These are not new dilemmas. This year, the Disasters Emergency Committee, (DEC), which coordinates fund-raising for 12 leading aid, relief and humanitarian agencies in Britain, is marking 40 years of winning public support

to help victims of wars and natural disasters. In those 40 years, almost £500m has been raised from the public for those distant victims.

One problem we grapple with continually is: how do we raise public awareness of the crisis faced by those living in impoverished countries? And, crucially, how do we do this before these chronic crises become full-blown emergencies in which people die? The potential for a famine is not often considered newsworthy. But a famine is. Yet, humanitarian agencies know that famines need not happen. They can be averted if the world is made aware of them and action is taken early.

Early warning systems now exist, but are often ignored or played down by decision-makers, as happened in Malawi in early 2002. The DEC and its member agencies are vulnerable to being damned if we do appeal and damned if we don't, either seeming to exaggerate the situation or to be ignoring it.

There is a tension between the time it takes to mobilise public compassion and the ability to mount a timely and appropriate emergency response. Little attention and resource is given to prevention and mitigation, yet we know this is the most cost-effective way of dealing with disasters. Prevention is better and cheaper than cure.

It is a constant struggle, for, sadly, the world has learned to tolerate — in large parts of Africa especially — very high levels of chronic malnutrition and collapsed services, where small climatic shocks or poor policies can have dramatic effects on the lives of the poor.

The DEC sets itself high standards, based on adherence to a set of principles and codes of best practice, collective action, accountability both to beneficiary and donor and investment in lesson learning. And it is the latter that is perhaps

the most essential. It is built on independently commissioned evaluations of each disaster response.

The latest evaluation, of the DEC's Southern Africa Crisis Appeal, was encouraging. The independent evaluators concluded that the appeal was justified, that lives were prolonged and suffering averted.

It also said the complexity of the underlying problems of the region means there are big opportunities to learn from this new kind of preventative appeal. The link between the devastating HIV/AIDS epidemic and food security, for one, adds new complexities to an already difficult situation. No disaster is identical. But with each one we can add to our increasing fount of knowledge so that when a new disaster strikes, we might save — and rebuild — more lives.

Ideally, of course, we would prefer to act before disaster strikes — as we did in southern Africa. And ultimately, we would like it if our work ensured that, through the alleviation of poverty across the world, people were able to deal with their own problems without our help. Our aim is to make ourselves redundant.

But redundancy is a long way off. Until then, we have to raise money independently of governments, so we can act on the basis of need — irrespective of whether politicians are willing to pitch in. We need to raise awareness so governments cannot claim they didn't know there was a crisis. And we need to keep learning. (740 words)

Questions 1 – 10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. Iraq people received nearly four times as much aid as the people in Congo.

Answer:.....

2. Because of the publicity, Iraq people deserve more humanitarian aid.

Answer:.....

3. The war on Iraq launched by America has improved on the aid situation there. Answer:

4. Humanitarian agencies should be more aware of the issue of equality.

Answer:.....

5. The main task of the Disasters Emergency Committee is to help the people avoid a famine. Answer:.....

6. Early warning systems have been operating in Malawi since 1992.

Answer:

7. The world should accept Africa's high-level malnutrition and collapsed service. Answer:

8. More funds ought to be spent on the lesson learning, namely, the evaluation of disasters. Answer:

9. More and more HIV/AIDS makes it difficult to implement the preventative measures. Answer:

10. The ideal of the humanitarian agencies is to find themselves no longer needed by the world.

Answer:

4. Bài 4

You are advised to spend about 15 minutes on the following passage.

A Constitution for Europe

The constitution of the world's most complex international organisation — the United Nations — fits easily into my jacket pocket. The constitution of one of the world's oldest and most successful democracies — the United States — would fit neatly into the other pocket. I do not have a pocket big enough for what passes as the constitution — 'the consolidated Treaties' — of the European Union.

Size is important. The smaller the better when it comes to constitutions. But size tells another, more important story — that of coherence. The UN charter is a genuinely good read for those interested. It sets out in logical form the purposes and principles of the organisation, its structure and its powers. The US constitution is similarly composed.

Both of these constitutions meet the standards set by this newspaper's most famous editor, Walter Bagehot, that they should 'excite and preserve the reverence of the population' and contain the efficient parts — those by which it, in fact, works and rules'.

While the practical achievements of the EU have been profound, the Union's treaties fail almost every test of clarity and brevity: 165 pages long, plus another 90 pages in the yet to be ratified Treaty of Nice. As for Bagehot's idea of excitement, forget it. There's no point reading the EU treaties in the hope of illumination. For a start, there is not one constitution, but two. One 'on European

union', the other 'establishing the European community'. What's the difference? Although 'union' implies a more closely-knit organisation than 'community', the union treaty deals mainly with inter-governmental matters - defence, foreign policy and home affairs, whilst the community treaty deals with the core economic business of the customs union and single market, and so on. But both have overlapping preambles with 'objectives', 'tasks' and 'principles'. As for the institutional arrangements, they are shared between the two treaties. These complex texts make the case for a single, coherent constitution for the EU. The Convention on the Future of Europe, meeting under the chairmanship of former French President Valery Giscard d'Estaing, is currently debating the idea, with a view to making recommendations for a new draft treaty to be considered by an inter-governmental conference in 2004.

What should the new constitution look like? The minimal requirement is for the two current texts to be merged into one, and put in a logical order - purposes, principles, then organs and institutions - the 'why' and the 'how' first, then the 'what' in terms of broad policies, after that. But there's a much bigger point here. The very complexity of EU constitutional law is not just a matter of drafting but is indicative of serious shortcomings in the way the Union works. As last year's Laeken declaration made clear, real reform is urgently needed.

Any new text should answer the basic questions about the Union which have characterised the debate in the UK for the past three decades. It should set out the EU's mission in simple language, clarify for befuddled voters the role and responsibilities of its institutions, and draw a clear distinction between supranational and national competencies. The constitution should start with just a few lines, setting out what the EU is - a union of sovereign states who have decided to pool some of that sovereignty, and it is better to secure peace and prosperity in Europe and the wider world. It should confirm that the Union

exercises only those powers which are explicitly and freely conferred on it by the member states, which remain the EU's primary sources of democratic legitimacy. The treaty should celebrate the lights citizens enjoy and the core values they live by. The text should then set out the roles of the EU's institutions. And here, the reality is that in an EU of 25 member states or more, each of the three main institutions - the council, the commission and the parliament needs to be strengthened.

Let me begin with the councils which represent the national governments. The European Council should set the strategic agenda for the Union. But one of the problems with delivery has been that - unlike the commission which is appointed for five years - there are musical chairs every six months in the European Council and the Councils of Ministers. The presidency switches from one country to the next. This stop-go comes at the expense of consistency and efficiency. I therefore support Jacques Chirac 's proposal for a full-time president of the European Council, chosen by and accountable to the heads of government. He or she would serve for several years, overseeing delivery of the Union's strategic agenda and communicating a sense of purpose to Europe's citizens.

For the functional councils, there should be 'team presidencies' whereby a group of member states would each chair, say, two of the councils for two to three years. At the same time, the six-monthly rotation for countries to be 'vice-presidents', hosting informal ministerial meetings — an important showcase for the EU, should continue. (824 words)

Question 1 – 10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. A lengthy and fuzzy constitution may interfere with people's rights.

Answer:.....

2. The UN charter and the US constitution set a good model for the EU to follow.

Answer:.....

3. A good wording of a constitution should be precise and exciting.

Answer:.....

4. A clear distinction must be drawn between union and community in terms of constitution. Answer:

5. The verbosity and murkiness of the EU constitution leads to the current operation of the Union. Answer:

6. Under the EU constitution, the national supremacy of the member states should be removed. Answer:

7. As EU has 25 member states now, there should be more governing institutions. Answer:

8. The citizens' rights and their core values must be embodied in the new constitution. Answer:.....

9. A functional council is one with more authorised powers to take necessary actions. Answer:

10. The informal ministerial meeting is an important occasion to discuss urgent issues.

Answer:



5. Bài 5

You are advised to spend about 15 minutes on the following passage.

Beware the Natives and Their Norms

Speakers of English as an International Language must claim it for themselves, argues Jennifer Jenkins.

The international spread of English is now taken for granted. Less widely acknowledged are the controversial implications of this spread, especially in terms of the Englishes that have resulted from it. At one extreme we have what Barbara Seidlhofer criticises as the 'Fawltly Towers' attitude to the English of its non-native speakers: 'fawltly' merely because it differs in certain ways from the English of British and American native speakers.

At the other extreme we have what could be called the 'Ivory Towers' attitude, held by a number of academics such as Peter Lowenberg. They take the view that language evolution, a natural and inevitable process, is currently affecting English as an International Language (EIL) in precisely the same ways in which it has always affected English as a Native language (ENL), and that the resulting changes cannot be dismissed as 'errors'.

The 'Fawltly Towers' view is, unfortunately, by far the most prevalent, and has given rise to numerous misinterpretations of the nature and functions of the English of its EIL speakers. The first concerns the word 'international' itself. This word acquires a very specific meaning in many people's minds whenever it is used in conjunction with the word 'language'. Despite the fact that other languages, such as Spanish, have international status, the assumption tends to be that international language = English language.

Second, the English that people generally have in mind is not any variety of English, and not even any native speaker variety, but only standard British and standard American English – varieties that are spoken by very small percentages of the world's (roughly) 2 billion English speakers. In other words, ENL (of the British and American kind) is regarded as the only legitimate version of English, whether we are talking of the idealised English used as a yardstick in much Second Language Acquisition research, or of the 'real' English found in native-speaker corpora. Both kinds, of course, are used worldwide to provide models in teaching materials.

The result is that learners in Hong Kong, Poznan, Tokyo, etc. – who are most likely to use their English with other non-native speakers – are being taught varieties of English that are more appropriate to conversation among native speakers in Brighton or Baltimore.

Third, the direct consequence of the 'international = English = standard British/American English' assumption is that native speakers of English are lauded as the best teachers of EIL and given priority in the jobs market. Advertisements regularly request 'Native Speakers' whether overtly or covertly (for example, by specifying holders (of British passports).

'Nativeness', it seems, is all. This inevitably affects the attitudes of the local non-native teachers and, in turn, their students. Even those, such as Japanese students, who perceive that they need English primarily for international communication and international understanding, also believe that their goal should be to sound as much like a native speaker as possible, and regard non-native varieties as deficient.

To avoid the 'problem' of speaking with a non-native accent, EIL learners may be offered extreme solutions such as 'therapy' (by a language school in Japan)

and tongue surgery (in South Korea). An extreme result of the misinterpretation of EIL, then, is the implication that people who do not speak a native variety of English suffer from either a psychological or physical deficiency.

Further misinterpretations of EIL can be found in 'sugarcoated' approaches to the subject. The term 'sugarcoated' was coined by Ayako Suzuki, who is researching attitudes to EIL at King's College London. By 'sugarcoated EIL', she means the English advocated by those who claim allegiance to the concept of EIL but who, beneath the sugarcoating, are in fact promoting native-speaker norms. In effect, theirs is simply another version of 'international = English = standard British/American English'. The only difference is that whereas supporters of 'English-Only' or 'Speak Good English' campaigns openly promote native-speaker norms, advocates of sugars coated EIL seem to be unaware that they, too, are doing so. This sort of EIL goes under various names such as 'World Standard English', 'World Standard Spoken English', 'International English', 'Literate English', and so on.

On closer examination, these so-called international varieties are in fact ENL in disguise; they are not based on empirical evidence from the world's majority of English speakers (i.e. non-natives) and they therefore provide, as Suresh Canagarajah points out, 'ideological and economic advantages to centre communities'.

These — and similar — misinterpretations of EIL would not be rectified until there is a change of attitude towards non-native ways of speaking English as widespread as the English language itself. Languages develop, as Salikoko Mufwene demonstrates, through contact and accommodation. Mufwene argues that we are not justified in regarding English language contact involving native speakers as natural and acceptable, but that involving non-native speakers as being in some way contaminated. There is no good reason to talk of the results

of L1-L2 contact as 'L1 interference' (or at best 'L1 transfer') when whole swathes of non-native speakers routinely use these forms in EIL contexts and understand each other with ease.

Until the major examination boards tackle and resolve such issues, however, there is unlikely to be any change. For example, as Fred Davidson pointed out over 10 years ago: 'The determination of what is and is not an error is in the hands of the linguistic variety that sets the test. Error is very much controlled by those in power.' For the time being, then, we have EIL in theory but not in practice and it remains 'business as usual'. (933 words)

Questions 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. Different versions of English reveal the inevitable trend of globalisation.

Answer:

2. The 'Fawlty Towers' attitude and the 'Ivory Towers' attitude are opposite views about the adaptation of the English language.

Answer:

3. English teaching materials generally model on British and American English.

Answer:



4. Physical therapy is offered to help people speak better native English.

Answer:

5. 'Sugarcoated' approaches prefer various names such as 'World Standard English' or 'International English', etc.

Answer:.....

6. English as an International Language should be interpreted as English as a Native Language.

Answer:.....

7. Non-native speakers' daily use of English should be considered while considering language errors.

Answer:.....

8. English examinations should change to accommodate the changing situation of the English language use.

Answer:.....

9. Nativeness overwhelmingly dominates the language teaching field.

Answer:.....

10. ENL and EIL will merge as a new version of language in the years ahead.

Answer:



6. Bài 6

You are advised to spend about 15 minutes on the following passage.

We're Patently Going Mad

Life-saving drugs must be developed differently - for all our sakes.

Innovation can be a driving force for improving public welfare. Nowhere is this more stark than in the creation of drugs to treat fatal diseases. If you have the drug you live; without it you die. Whether you have the drug depends on two issues: has it been developed, and if so, do you have access to it? The conflict between these issues revolves around how to stimulate innovation and how to pay for it. It is exemplified by the issue of access to AIDS drugs and is one of the most contentious issues of international economic policy and law.

Drugs are cheap to manufacture, but expensive to develop. Much of the underlying research comes out of academic institutions funded by government grants. Much of the development work is by pharmaceutical companies, which will not invest in research and development without incentives: in this case the patent system, which rewards a company that develops a successful drug with a 20-year marketing monopoly.

Allowing monopolies leads to bad side effects and drugs are no exception. The economic incentive is the freedom to charge what the market will stand, and invest in what gives the highest return, rather than in what maximises health care benefits. In developing countries, life-saving medicines are priced beyond the reach of most people, a morally offensive outcome. Huge publicity

surrounds specific negotiated price reductions, yet the effect on the overall access problem is tiny. But it's not just an issue in the developing world.

Governments and health insurers are finding ways to deny access to the newest and priciest products — in the US and other countries without a universal public health system, the uninsured cannot afford the newest medicines. Less well known are the huge inefficiencies of the existing system. Only about 10% of the price of a drug goes to pay for research on new products, and three quarters of new drugs have no significant therapeutic benefit over existing treatments, implying that perhaps only 2%-3% of the money collected from drug sales is spent on developing medicines better than the ones we already have.

If the existing system were the only way to encourage innovation, it would be sensible to tolerate it, as we would all eventually benefit. However, we believe that it is possible and practical to implement an alternative system that would reduce drug prices and drive investment into innovations that actually address health priorities.

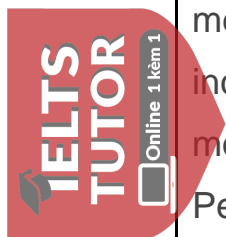
On January 1, 2005, the Trips agreement on intellectual property rights will come into force in most World Trade Organisation countries. It is an unbalanced treaty, based solely on enforcing patent rights worldwide as a mechanism to reward innovation.

We believe the way forward is to modify Trips in health care to require countries to maintain a GDP-related contribution to research and development, while being free to choose how they finance it. New methods of research — such as non-profit collaboration or prizes for exceptional ideas — would allow innovation to be rewarded directly, removing the need for marketing monopolies, and allow competition. Drugs could then be sold close to the cost of manufacture. The

mechanisms to implement this would be far cheaper than the current system, which increases global prices by at least \$300bn (£160bn) a year.

Evidence that alternative business models can support innovation comes from a variety of areas including open-source software development, the human genome project and open-access publishing. Last year, 69 respected scientists and economists wrote to the World Intellectual Property Organisation, a UN agency, asking that alternatives such as collaborative open models be considered. Yet the developed world continues to resist change. It is hard to avoid the suspicion that the dogged advocacy of intellectual property law as the only way to stimulate innovation is more about maintaining world economic power than anything else. But this is short-sighted. Although the developed world leads in patent applications owing to its science base, the developing world will catch up, and there is evidence that the rise in the number of patents is starting to inhibit innovation itself. It would be more sensible to develop worldwide policies that encourage and reward innovation, while allowing competitors to build on each others' ideas, and protecting consumers from unreasonable prices.

Supporting the existing policy direction for drugs is indefensible, especially after the November 2001 Doha declaration of the WTO that health was more important than intellectual property. Extending marketing monopolies on medicines worldwide prevents the very competition that reduces prices and increases access to life-saving medicines. In the face of other successful models to support innovation, we can no longer claim we have no choice. Perhaps we should ask ourselves if laws that restrict use of knowledge and thereby cause unnecessary death are really weapons of mass destruction. (801 words)



Question 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. The creation of drugs is closely related to the international economic policy and law. Answer:
2. More funds are spent on the research and development of drugs than on the production of drugs. Answer:
3. Both pharmaceutical companies and academic institutions invest in new drugs. Answer:
4. Marketing monopolies are the cause of the high price of many life-saving medicines. Answer:
5. Government and medical insurance companies should afford newest medicines to the patients. Answer:
6. The costs of the research and development of new medicines need to be shared by countries according to their wealthy status. Answer:
7. Without the protection of the patent, the new drug competition will be destroyed. Answer:
8. The human genome project is an example of non-profit collaboration.
Answer:.....
9. The developed world has more patent applications because of its powerful science base. Answer:
10. The existing policy of new drugs is maintained because of the lack of other measures to stimulate the new drug development. Answer:

7. Bài 7

You are advised to spend about 10 minutes on the following passage.

Free Lunch for All

Everyone has memories of lumpy custard and cold chips at school. Yet there is a remarkable amount of evidence about the benefits children derive from having a good meal at lunchtime.

Studies have shown that there is not only a strong link between nutrition and learning, but also that diet often has a profound effect on children's social skills, behaviour and self-esteem. This is why I believe it's time that the issue of free school meals, particularly at primary school, was debated properly.

But before my colleagues at the Treasury pick up the phone to tell me that they can't give such spending commitments, I would like to emphasise that this is about giving an important issue the debate it deserves. While I was discussing this article with fellow MPs recently, a well-known and popular minister cringed when she recalled the nightmare of lunchtime meals at her school. Although it's easy to deride school dinners in retrospect, they stopped children from going hungry and also provided many with their only nutritious meal of the day. A nourishing meal prepared on a shoestring budget is better than no meal at all.

For many children there is great social stigma attached to being one of the 1.8 million eligible for free school meals. Research suggests that some children do not take the meal they are entitled to simply to avoid being ridiculed by their classmates. The minister I talked to has a vivid recollection of being made to stand at the back of the queue with the other 'free' children.

But I don't think this is an insurmountable problem. If all children are entitled to a free meal, some of that stigma will be taken away.

The science suggests that children who do not skip lunch find it easier to concentrate on lessons, are less likely to suffer hunger pangs and headaches and are more likely to be better behaved both inside and outside the classroom. Even amongst children in young offender institutions, there is a strong link between diet and behaviour. Overall, the evidence emphatically shows that children who get a good meal at lunchtime will be easier to teach and will achieve better grades.

This evidence has led Hull city council to take an innovative approach to raising standards in its schools. Hull is proposing to give all children in its grant-maintained schools a lunchtime meal. This is on top of a programme already in operation that provides breakfast to children who want it and gives children the option of fresh fruit if they stay after school, for example, to do homework or play sport.

While it's obviously too early to judge the success of the scheme, Hull has high hopes. If they can tackle children's nutrition, the benefits could be reaped in terms of improved health as well as higher attendance and attainment in Hull schools.

At the moment, Hull's secondary schools are amongst the worst performing in England at GCSE level, while its primary schools are of average performance. The risk and cost of piloting a free meals programme could pay back many times over if the impact is great enough.

Of course, the idea of free school meals is about more than just helping children to get good grades. It's also about instilling a culture of healthy eating. Everyone wants to get away from the culture of burgers and chips, but you don't do that

by forcing children to eat a plate of over-cooked sprouts. Hull and many other councils I are working on menus that will wean their pupils off junk food and teach them to eat healthily.

We can also learn from our European partners. In Italy, France, Denmark, Sweden, Austria and Germany, children are provided with highly nutritional meals, much of it organic and many of them provided free of charge.

And in Finland, children receive their free lunch as part of a programme that teaches them how to eat healthily. So I was heartened to hear that members of the Health Select Committee are planning a trip to see what lessons can be learned from Finland, and I look forward to hearing the outcome.

I am well aware that being the MP who was christened 'two dinners' Watson by Tribune and calling for free school meals for all does open me up to a lot of mickey-taking. But I think the potential benefits of a programme of free school meals are so great that we cannot afford to ignore it. Let the debate begin. (754 words)



Question 1-8

Do the statements on the next page reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. It is important to supply enough nutrition at lunch for school children.

Answer:.....

2. In the past, free school meals were supplied at primary schools by the local government.

Answer:.....

3. A lady minister mockingly recalled the meals she had at her school days.

Answer:.....

4. A free school meal helps relieve some children of peer pressures.

Answer:.....

5. The budget problem of providing free meals cannot be solved by the local city councils.

Answer:

6. Children not taking lunch generally get poor grades in their studies.

Answer:.....

7. Hull's secondary schools rank low in GCSE because of the lack of free meals.

Answer:.....

8. All European countries, including Britain, should provide free meals at school.

Answer:.....

8. Bài 8

You are advised to spend about 10 minutes on the following passage.

Risk Management for the Masses

We have the financial technology, says Robert Shiller; to cope with growing economic risks.

Lately, a lot of attention has been focused on the stock market bust after the 1990s boom and on the short-term state of the economy, now teetering in and out of recession. Look ahead, though, and there is every reason to think that there are bigger, equally unpredictable economic risks on the way. Perhaps the biggest such issue in the next ten years will be the quick pace of change in the economic status of individuals. Advances in technology, in particular, have increased the chances both of striking it lucky, and becoming very wealthy — but also of being unlucky, and becoming very poor. The likely outcome is both greater economic uncertainty and greater inequality. But there is good news too: the financial tools that will allow ordinary folk to cope with increased uncertainty, and to insure against adverse economic events, are already being developed.

Inequality has been on the rise in virtually all rich countries in recent decades. This increase appears to be due, in large part, to changing technology, such as rapidly advancing communications, information and control technology, and its effects on an interdependent world economy. It is true that, by some measures, world income inequality has been decreasing -- notably because China and India have been catching up. But there are reasons to expect a longer-run tendency towards much greater inequality.

Advanced technology often means that a smaller number of skilled people supply their services over a wider area, producing a 'winner-take-all' effect, where only the best do well, and these lucky few command enormous income. The invention of the phonograph did this for singers, and the invention of the motion picture did it for actors. Proliferating communications and information technology may do the same for many other occupations in the future.

So far, a good deal of public resentment about increasing inequality has centred on the most visible highly paid people. Recently, public policy has focused on preventing a few unscrupulous top executives from unfairly enriching themselves at investors' expense. However, we are likely to discover that this, while helpful, does relatively little to mitigate the forces that make or break fortunes, which are much bigger than any fraud or malfeasance that we see today. Why? Because new technology produces far more pervasive and important changes in fortunes than those caused by dishonest boards or accounting shenanigans. Such changes stem from the very stuff of capitalism, undramatic events that unfold over many years: word processors replacing secretaries, industrial robots replacing assembly-line workers, and online-learning sites replacing professors.

Although new technology can mean that jobs are replaced by machines, it has often created as much employment as it destroyed, albeit of a different type. When Cyrus McCormick's automatic harvester replaced field hands in the mid-19th century, the invention promoted greater prosperity and helped to create a variety of other jobs, like turning grains into fancy breakfast cereals and packaged baked goods.

Now, though, with the pace of technological progress increasing, there is a high degree of uncertainty whether lost jobs will ever be replaced with others that are as remunerative. We have moved from the field to the factory to the service

sector, but as technology relentlessly advances, it isn't clear where we will be heading next. A possible dearth of good career alternatives for many people could generate great inequality in coming decades.

Yet, paradoxically, the same technology that is creating this inequality could also reduce it. It got us into the problem and it can get us out. This technology needs to be coupled with the science of risk management, which combines elements of finance and insurance to help deal with the possibility of adverse events, in much the same way as bankers and financiers minimise the risks of doing business by using fancy financial arrangements such as currency hedging and interest-rate swaps. (655 words)

Questions 1-9

Do the following statements reflect the views of the writer in the reading passage? Choose:

- YES** if the statement agrees with the writer's view;
- NO** if the statement contradicts the writer's view;
- NOT GIVEN** if the statement does not reflect the writer's view.

1. It is unlikely that the economic disaster will stage a comeback in the next decade.

Answer:.....

2. It depends on the luck of an individual to become rich or poor.

Answer:.....

3. The issue of the world income inequality will get more and more serious.

Answer:.....

4. Singers and actors make a great fortune with their special talents.

Answer:.....



5. The income inequality is caused by the fact that high-ranking CEOs become rich at the sacrifice of the company shareholders.

Answer:.....

6. Word processors and robots are the best replacement of the manual labour.

Answer:.....

7. Evidence shows new technology will bring with its new job opportunities.

Answer:.....

8. The development of new technology will solve the problem of the uncertainty.

Answer:.....

9. Bankers and financiers depend on risk management to do their transactions.

Answer:



9. Bài 9

You are advised to spend about 10 minutes on the following passage.

Playing with Fire

The American gun lobby thinks children should be taught to use guns. Safely, of course, and just for sport or personal security, what else? The idea is as old as it is dangerous.

Every generation delights in handing down its knowledge to the next — assuming, of course, that the next is ready to sit raptly at its feet. But some sorts of knowledge are treated with more urgency and reverence than others. Among these is the handling of guns. Children have to be kept away from firearms, yet, at the same time, instructed in the joy and skill of them. It is an extremely difficult balance to strike, and it is made no easier by the fact that, in some societies, the possession and use of a gun has become a metaphor for every right that parents wish to bequeath to their offspring.

Gun magazines in the United States delight to show the young, kitted out with mufflers and eye-protectors or casual in a camouflage cap, squinting through the sights of a rifle while braced in their father's arms. They are sometimes very young indeed: four or five. Such images repel Europeans and the anti-gun lobby, but America's gun enthusiasts see them quite differently: as symbols of freedom, tradition and delight in fatherly instruction. 'Those sure were the good times,' reads one advertisement. 'Just you, Dad, and his Smith & Wesson.'

Guns are also, of course, deadly: and not just in the shape of the handguns that flood America's cities. After the killing of four children and a teacher in a school

in Jonesboro, Arkansas, in 1998, news agencies distributed photographs of one of the killers as he had been at the age of six: proudly smiling, in full camouflage, with a rifle in his hand. Andrew Golden had always loved hunting, and had lived in a house where guns of all sorts were displayed in unlocked cabinets. From popping birds to shooting schoolmates is a leap that very few children take. Nonetheless, young Andrew lived in a culture where enthusiasm for (even obsession with) guns among his elders meant that he came, much too early, to experience the heft of a gun and the thrill of a perfect aim.

NOT TOYS, JUST OBJECTS OF DESIRE

The National Rifle Association (NRA) has in recent years repackaged itself with some success as a preacher of gun-safety to children. As — these days — it admits, 'with a firearm present in about half of all American households, young children should learn that firearms are not toys'. The association's safety mascot is Eddie Eagle, an anxious-looking bird, usually with one wing raised in admonition, who now decorates sunglasses, T-shirts and lunch-boxes, and is available in cuddly form. His message to children who find a gun — 'Stop! Don't touch. Leave the area. Tell an adult' — is, of course, a very sound one. It is slightly undercut by the disclaimer that follows: 'That's Eddie Eagle's fundamental, non-judgmental public-safety message.'

'Non-judgmental' seems a strange word to use in this context. But it is necessary, lest anyone think that Eddie might be saying that guns in themselves are bad, or that keeping them in the house might be dangerous. The guns have a right to be there; it is the children who must treat them as objects of fear and mystery. It is worth noting too that the message is aimed at 'young' children, or those the parent thinks 'not ready to be trained in a gun's handling and use'. At some undefined stage (the photographs in *INSIGHTS*, the NRA's magazine for junior members, suggest it comes when children are about seven or eight),

guns change from being fearsome objects, better left alone, to items that children are positively encouraged to possess.

INSIGHTS is not a publication the NRA is keen to advertise. Outsiders are rebuffed if they ask for copies. Small wonder. Eddie Eagle still flutters in the background, and safety is a subtheme: as in earmuffs, stylish eye goggles, and not pointing your rifle at people. The magazine says it also offers 'educational information about firearms'. With that aim, no doubt, its photographs show children who are thrilled to the marrow to have got their hands on guns. They grin broadly, shouldering a firearm as big as themselves, or glare through sights at the target. Articles invite them to test-fire the Remington EtronX Model 700, 'part of the new wave of guns', or to head to the NRA's annual exhibition in Charlotte, North Carolina, to get 'a jump start' on the latest fire power.

It is the advertisements, though, that make the blood run cold. The gun makers do not pretend to be addressing children of 10 or 12; they simply run the adult copy. 'The need for a quality "First Time" revolver never went away,' reads one. 'The Model 1929 is one package, one purchase that gets you into handgun shooting with all the right stuff, the first time.' A half-page from 'Savage Arms' offers a 'Predator' combination gun with a 'low-rebounding hammer and a built-in two-position barrel-selector'. The specifications are mind-numbing, but it seems the children can take them, for the letters article reads very similarly: boys boasting about the bore of their guns.

The NRA might well ask what it could do differently. At some stage, it would argue, children have to be inducted into the world of firearms and steered, if they can be, to the sporting side of them. Yet there is no way of writing about guns for children that does not presuppose in the latter an extraordinary maturity of thinking and acting. The child who picks up a gun has, in effect, ceased to be a child. (950 words)

Questions 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. The American gun lobby is one of the most powerful associations to influence the US government policy. Answer:
2. Parents have long regarded it as highly risky to let children play with firearms. Answer:
3. Gun magazines in America help boost the sales of mufflers, eye-protectors and camouflage caps, etc. Answer:
4. Exposed to a gun culture, American children are prone to shoot their classmates and teachers. Answer:
5. It is not enough to tell children that firearms are not toys. Answer:
6. School-age children view guns differently from pre-school children. Answer:
7. Many goods such as sunglasses, T-shirts and lunch boxes bear the icon of the National Rifle Association to show its power. Answer:
8. The National Rifle Association teaches children to pay primary attention to the safety of playing with guns. Answer:
9. Gun makers adopt different ways to approach children and adults. Answer:
10. The use or ownership of guns proves the maturity of children. Answer:

10. Bài 10

You are advised to spend about 15 minutes on the following passage.

The Siren Song of the Outsider

It is usually a bad sign when a firm looks outside its own ranks for its next boss.

The revolt by shareholders of Walt Disney demonstrates, if nothing else, how difficult it is for a public company's owners to remove a boss who does not want to go. Despite 43% of shareholders withholding their votes from Michael Eisner in the board election at the firm's annual meeting on March 3rd, the long-serving boss retained his position as chief executive, although he relinquished his position as chair-man in what will surely be an unsuccessful attempt to placate his opponents.

Yet almost as hard as getting rid of a chief executive is the task of finding a suitable replacement. Such has been the dominance of Mr. Eisner at Disney that, when he finally goes, the company may struggle to find a successor within the cowed ranks of its top management. But Disney is by no means alone in failing to groom a new leader from its in-house talent pool. ABB is a multinational engineering business with some 115,000 employees in around 100 countries. Yet not one of these employees is deemed capable of running the company. ABB announced last week that its next chief executive will be an outsider. Fred Kindle, currently the boss of Sulzer, a much smaller Swiss engineering business, will join Zurich-based ABB on September 1st and take over as chief executive from Jurgen Dormann in January.

ABB used a firm of head-hunters, Egon Zehnder, to carry out 'a thorough and careful search and evaluation'. It took a year to come up with half a dozen candidates, some of them internal, some external. The winner has an MBA and

four years' experience with McKinsey, a consulting firm with a decidedly mixed record among Switzerland's leading firms.

Choosing an outsider as chief executive is more common in America than it is in Europe. Coca-Cola recently announced that its boss, Douglas Daft, will be retiring at the end of this year and, more controversially, that it will employ a firm of head-hunters to 'carefully consider external candidates along with the internal candidate we have in Steve Heyer'. Given that Mr. Heyer only joined the company in 2001 — from AOL Time Warner — all the candidates are, in effect, outsiders.

Yet even in America, this is still the exception, not the rule. Recent regime changes at the top of other big companies have followed the more traditional pattern. This week, Lockheed Martin said that its boss, Vance Coffman, will step down on August 6th to be replaced by Robert Stevens, currently the defence company's chief operating officer, while ExxonMobil, by promoting Rex Tillerson, its head of production, to president last week, suggested that he is being groomed to take over from Lee Raymond, the current chief executive. Both Mr. Stevens and Mr. Tillerson are long-time employees of the firms that they are in line to lead.

Every one of the top ten (nine of them are American) on the list of the world's most admired companies — admittedly, not an infallible yardstick of corporate merit - in the latest issue of FORTUNE magazine has a boss who was appointed from inside. None of them has spent less than 20 years with their current employer. The bosses of the top three British firms on the list (Tesco, BP and Shell) had notched up between them almost a century of employment with their respective firms. The first company on the worldwide list about to break that mould is 11th-placed Coca-Cola.

HUNTING FOR CHARISMA

Boards have traditionally turned to outsiders when their companies have been in trouble. Scandal-hit firms such as Tyco and WorldCom probably had no choice — any internal appointment would have been viewed with too much suspicion, not least by investors and regulators. But in several less dramatic cases, the injection of fresh blood has worked. Lou Gerstner, brought into IBM from RJR Nabisco, famously converted a failing manufacturer of mainframe computers into a thriving IT-services business.

Chuck Lucier, of consultants Booz Allen Hamilton, has examined the performance of insiders and outsiders over time and found that, in general, outside chief executives do very well in the early part of their tenure and very badly in the latter part. Insiders have a 'remarkably even' performance over time. Outsiders are good at doing the rapid cost-cutting and divestment often needed by firms in trouble, but they are less good at building and sustaining long-term growth, says Mr. Lucier.

Michael Eisner's track record at Disney is a bit like this, argues Mr. Lucier. Hired from outside in 1984 to be chief executive, Mr. Eisner had some good years followed by a lot of bad ones, exacerbated by the death in 1994 of Frank Wells, his trusted operational chief, in a helicopter crash.

In recent years, it has become almost a matter of course for boards at least to look outside for their next leader, even if most still decide, in the end, to pick an insider. One of the reasons for this, says Dayton Ogden, a head-hunter with Spencer Stuart and co-author of *CEO SUCCESSION* (OUP, 2000), is 'to benchmark their insiders'. High-tech firms (not all of them struggling), such as Motorola, Hewlett-Packard and Yahoo, have led the way in appointing outside chief executives.

In SEARCHING FOR A CORPORATE SAVIOUR (Princeton University Press, 2002). Rakesh Khurana, a Harvard Business School professor, suggests that this is part of a growing 'irrational quest for charismatic chief executives'. Mr. Khurana argues that the process for finding a chief executive from outside (which invariably involves head-hunters) is so flawed that it 'frequently fails to hire the best people available' and 'tends to produce leaders with almost identical social, cultural, and demographic characteristics'. Spencer Stuart's Mr. Ogden says that this is 'bollocks'.

Roselinde Torres, US president of Mercer Delta Consulting, a firm that advises companies on chief-executive succession, suggests that boards are being tempted to look outside because they can more easily fantasise about the charisma of unknowns with great résumés than they can about the all-too-familiar insiders they meet in the lifts. But she finds that chief executives tail most often when they 'cannot provide the contextual stuff', the right networks and culture within the company — a particularly difficult task for an outsider.

One way to resolve the outsider-insider dilemma is to look for an outsider with inside knowledge of the business. Disney may yet find just such a person to succeed Mr. Eisner. If Comcast, the cable-TV firm which has launched a hostile bid for Disney, succeeds in taking over the firm, it is likely to put Stephen Burke in charge of the acquired Disney operations. Mr. Burke joined Comcast in 1998, after spending 12 years working for Disney. He is a classic 'insider-outsider', a man with experience of the company, but with a long enough absence from it to shake off much of the baggage that insiders bring to the top job. Perhaps if Disney shareholders want a solution to the unresolved issue of Mr. Eisner's succession, they could do worse than vote in favour of the Comcast bid. (1,185 words)

Question 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. Disney is just one of many US companies to try to find an outsider to chair the company board. Answer:
2. Head-hunting firms find it profitable to get right replacement for the big company bosses. Answer:
3. Mr. Heyer is capable as he used to work for such a big company as AOL. Answer:.....
4. Companies in trouble would tend to find an outsider to rearrange the business. Answer:
5. There are many showcases that outsiders would do better than the previous leadership. Answer:
6. Outsiders and insiders have their strengths and weaknesses in running the company at different stages. Answer:
7. High-tech companies are more open to the choice of leaders from outside. Answer:.....
8. To get integrated into a company's culture is one of the great difficulties of the outsider. Answer:
9. The best way to solve the dilemma facing the companies is to find an outsider person who knows as much as any insider of the company. Answer:
10. When a company tries to find an outsider as a leader, it usually emits a bad signal of its present business operation and structure. Answer:

11. Bài 11

You are advised to spend about 15 minutes on the following passage.

Weapons of Mass Salvation

If George W. Bush spent more time and money on mobilising Weapons of Mass Salvation (WMS) in addition to combating Weapons of Mass Destruction (WMD), we might actually get somewhere in making this planet a safer and more hospitable home. WMD can kill millions and their spread to dangerous hands needs to be opposed resolutely. WMS, in contrast, are the arsenal of life-saving vaccines, medicines and health interventions, emergency food aid and farming technologies that could avert literally millions of deaths each year in the wars against epidemic disease, drought and famine. Yet while the Bush administration is prepared to spend \$100 billion to rid Iraq of WMD, it has been unwilling to spend more than 0.2% of that sum (\$200m) this year on the Global Fund to Fight AIDS, Tuberculosis and Malaria.

The great leaders of the Second World War alliance, Franklin D. Roosevelt and Winston Churchill, understood the twin sides of destruction and salvation. Their war aims were not only to defeat fascism, but to create a world of shared prosperity. Roosevelt talked not only about Freedom from Fear but also Freedom from Want. One of the reasons why the Bush administration is losing the battle for the world's hearts and minds is precisely that it fights only the war on terror, while turning a cold and steely eye away from the millions dying of hunger and disease. When is the last time anybody heard Vice-President Dick Cheney even feign a word of concern for the world's poor?

Last month Mr. Bush made a speech to the General Assembly of the United Nations. In calling for action against Iraq, he challenged the international community to live up to its own words. 'We want the United Nations to be effective, and respectful, and successful. We want the resolutions of the world's most important multilateral body to be enforced.' He asked whether 'the United Nations will serve the purpose of its founding, or will be irrelevant?' The idea that UN commitments should be followed by action is indeed a radical one, especially for the United States, where wilful neglect of its own commitments is the rule.

Just one week before Mr. Bush's UN speech, at the Johannesburg World Summit on Sustainable Development, the rich countries promised to put real resources behind the 'Millennium Development Goals' of cutting poverty, disease and environmental degradation. They agreed (the United States among them) to 'urge the developed countries that have not done so to make concrete efforts towards the target of 0.7% of GNP as ODA (official development assistance) to developing countries'. The United States falls \$60 billion a year short of that target - a seemingly unbridgeable gap, until one realises that the annual military spending in America has risen by about that amount since Mr. Bush entered the White House. The United States spends just 0.1% of GNP on foreign assistance. It is firmly in last place among the 22 donor countries in aid as a share of income, a position it will continue to hold even after the small increases the administration announced earlier this year.

If we were to send teams of 'UN development inspectors' into the United States, the results would not be pretty. First, they would discover a nearly total disconnect between global commitments and domestic politics. Mr. Bush has not discussed America's commitments at Johannesburg with the American

people (and perhaps his aides have not even discussed them with the president).

Second, they would find complete disarray with regard to the organisation, budgeting, and staffing necessary to fulfil the commitments. White House and State Department foreign-policy experts are overwhelmingly directed towards military and diplomatic issues, not development issues. Wale, Senior development specialists in the Treasury can be counted on one hand. America's government is not even aware of the gap between its commitments and actions, because almost nobody in authority understands the actions that would be needed to meet the commitments.

No serious work whatever is under way within the government to link annual budgetary allocations with the international development goals the United States has endorsed. For example, the Bush administration has failed to produce even one credible document spelling out America's role in a global-scale war against AIDS.

America's planned contribution to the global AIDS fund is around a sixth of what is needed in 2003, according to the fund itself. The evidence shows that \$25 billion a year from the donors could avert around 8m deaths each year. The expected \$100 billion cost of war against Iraq would therefore be enough to avert around 30m premature deaths from disease, if channelled into a sustained and organised partnership with the poor countries.

There is a way out. It is to empower the United Nations to do what it can truly do: organise a global response to the global challenges of disease control, hunger, lack of schooling and environmental destruction, an effort in which the United States would be a major participant and indeed financier, in exactly the manner that it has repeatedly pledged.

The idea that the UN system could provide leadership on the great development challenges will strain credulity in some quarters. A steady drumbeat of criticism about the UN agencies during the 1990s, led by right-wing leaders in Congress, has left the impression of nearly moribund institutions, busy securing patronage slots for friends and relatives, and disconnected from the rapid advances in technology, finance and globalisation. Indeed, when I began my own intensive work with the UN agencies three years ago, as chairman of a commission for the World Health Organisation, and then more recently as a special adviser to the secretary general for the Millennium Development Goals, I was unsure what to expect within the specialised agencies of the United Nations. (961 words)

Question 1-10

Do the following statements reflect the views of the writer in the reading passage? Choose:

YES if the statement agrees with the writer's view;

NO if the statement contradicts the writer's view;

NOT GIVEN if the statement does not reflect the writer's view.

1. It is fruitless for the Bush administration to stop the Spread of the Weapons of Mass Destruction.

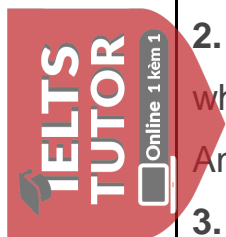
Answer:

2. More people are dying from such disasters as famine and draught than from what is called WMD.

Answer:

3. Franklin D. Roosevelt and Winston Churchill were powerful leaders in World War II.

Answer:



4. America adopts a pragmatic strategy as to its obligation to the United Nations.

Answer:

5. The increase in military expenditure inevitably causes the reduction of the foreign aid donation.

Answer:

6. Development issues do not arouse attention because Bush government aides and officials are not interested in discussing them.

Answer:

7. America's role in a global-scale war against AIDS is fuzzy and dubious.

Answer:

8. On average around 8 million people die of AIDS all over the world.

Answer:.....

9. UN special agencies need a reform to do a better and more efficient job.

Answer:.....

10. In terms of foreign aid, action always speaks louder than words.

Answer:



12. Bài 12

You are advised to spend about 8 minutes on the following passage.

Sports and Recreation

A large proportion of Australians, regardless of social position, income and age, participate in some form of sporting activity. The impact of sports extends over a wide range of associated activities in community and commercial fields. Sports is a large industry in Australia encompassing not only participants but also employment within the sporting infrastructure, manufacture of apparel, equipment and other goods (e.g. trophies), tourism and supporting industries (e.g. printing, media). The sporting activities of Australians include a range of organised and social sports, recreational and leisure activities undertaken both at home and away from home.

INVOLVEMENT IN SPORTS

In March 1993, an ABS survey of persons 15 years of age and over was conducted throughout Australia to obtain information about involvement in sports during the previous 12 months. Involvement in sports was defined to include both paid and unpaid participation in playing and non-playing capacities. Spectator involvement in sports was excluded.

The survey found that one third of the Australian population aged 15 and over were involved in sports, as players (3.1 million), non-players (0.5 million) or both players and non-players (0.9 million). More men than women were involved as players and as non-players.

Overall, 35% of males played sports compared to 23% of females, and at all ages a greater proportion of males than females played sports. Younger men and women were more likely to play sports than older men and women. Fifty-six per cent of men aged 15 to 24 played sports compared to 39% of women in the same age group. In the 25 to 34 age group, 43% of men played sports compared to 28% of women. 20% of men and 12% of women aged 65 and over played sports. For those involved in sports solely as non-players, the 36 to 44 age group had the highest participation rate (8% for males, 9% for females). Their most common activities were as administrators or committee members.
(324 words)

Question 1-8

Complete the summary of the reading passage on the previous page. Choose your answers from the box below the summary.

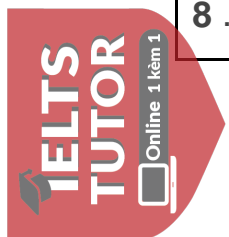
N.B. There are more words than you will need to fill the gaps. You may use a word more than once if you wish.

Summary

In Australia, sports is not only a recreational and (1)..... activity but also an industry. One survey looked at participation in sports based on whether participation was (2)..... or (3)..... and whether they were paid or not. The survey did not consider (4)..... to be (5)..... In general, women were found to be (6)..... involved in sports than men and there were (7)..... young people involved than older people. The results of the survey also showed that (8)..... were generally involved in two different capacities.

business
non-players
more
unpaid
less
women
fewer
participants
social
most
players
spectators

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8



13. Bài 13

You are advised to spend about 10 minutes on the following passage.

The Greenhouse Effect

The greenhouse effect is not a new phenomenon. Scientists have known for centuries that a layer of gases naturally surrounds the earth like an insulating blanket, trapping the reflected energy from the sun and preventing it from escaping into space. That is what makes the earth warm enough for people, plants and animals. However, recent human activity has boosted the concentration of greenhouse gases and enhanced their heat-trapping ability. The main culprit is carbon dioxide (CO₂), which scientists estimate accounts for nearly half of global warming. CO₂ is released from burning fossil fuels (coal, oil and gas) and from clearing and burning forests.

There are other important greenhouse gases too and they cannot be ignored — CFCs, for example, may account for 25 per cent of global warming in the next century if their production is not scaled back. But carbon dioxide is the pivotal one. The UN International Panel on Climate Change now says that CO₂ levels could double within the next 40 years if present rate of fossil-fuel burning and deforestation continues. That could mean an average temperature increase between two and four degrees centigrade and a sea-level rise of perhaps a foot by 2050.

No one knows for certain how local weather will change as a result of this warming. But one thing is clear — it will be no picnic. Indications are that the earth will be warmer than any time since the start of the last ice age nearly 100,000 years ago. But there's one major difference. This temperature increase

occurs not over thousands of years, but over decades. And it is the speed of this change which makes the precise impact so difficult to predict.

The most sophisticated computerised climate models, in the US and Britain, agree that weather around the world will become more erratic and more extreme. In general, temperatures will rise more towards the pole than at the equator. Overall rainfall will also increase as higher temperatures boost evaporation from the seas. But the distribution of precipitation will shift. Some areas will become wetter, and others will be drier. In middle latitude, climate zones will march pole-wards. Saskatchewan may become like Kansas, southern England like southern France. In tropical and subtropical parts of the Third World, warming will be less but the impact on a relatively stable climate will be greater. Tropical storms and droughts could both increase. The pattern of the monsoons may shift.

Global warming will also cause ocean levels to rise - though not, as popular wisdom has it, due to the Antarctic ice cap melting. If this catastrophe occurs, it will not be for at least another century. Instead, sea level will rise simply because water expands as it warms. People living in low-lying coastal regions from New York and London to Jakarta and Dhaka will be in danger. The world's great river deltas, home to millions of Asia and Latin America and containing some of the Third World richest food-growing land, could become brackish graveyards. (499 words)

Question 1-12

The passage below is a summary of the reading passage. Complete this summary by writing ONE or TWO WORDS in each space. These words must be taken from the reading passage. The first one has been done as an example.

It has long been known that the earth is (*example*) to support life because of an (1)..... layer of the greenhouse gases which trap the sun's (2)..... Recently increased production of one of these gases, (3)....., by mankind's (4)..... of wood and fossil fuels, has been the main cause of (5)..... If the (6)..... of CO₂ continue to increase, both temperature and (7)..... could rise significantly by 2050. The (8)..... has made predictions about the effect on the world's (9)..... uncertain. However, computers forecast greater unpredictability and a more (10)..... climate. And with the temperature rise will come a corresponding expansion of (11)..... and rising sea level, threatening (12)..... cities and fertile land alike.

Example: warm enough

- | | |
|----------|----------|
| 1 | 2 |
| 3 | 4 |
| 5 | 6 |
| 7 | 8 |
| 9 | 10 |
| 11 | 12 |

14. Bài 14

You are advised to spend about 10 minutes on the following passage.

The Changing Nature of Careers

As time marches on, the nature of people's jobs changes and the characteristics of organisations change — and as a result, so do people's careers. According to Schein, these changes can be characterised as developments along three basic dimensions summarised in his career cone. First, careers often involve *vertical movement* - that is, promotions up an organisational hierarchy (such as from assistant manager to manager). Naturally, different people working in different settings experience vertical movement at tremendously different rates. Not only may people be prepared for advancement at different times, but also organisations may have different opportunities for promotion. In today's organisations, in which layers of management are being reduced all the time, there are fewer rungs in the organisational ladder, making opportunities for vertical movement more limited than they used to be.

Second, careers often involve *horizontal movement*. This reflects changes in specific job functions, or sometimes, in major fields or specialties. For example, individuals who start out in marketing may move into the related field of sales. In recent years, growing numbers of people have been willing to make such horizontal moves, even though doing so may involve a considerable amount of retraining. This trend may result from several sources, such as people's needs to seek fulfilment by doing a different kind of work, or by their belief that they might sooner be able to make a vertical movement by first moving horizontally into a field with greater opportunities for advancement.

Finally, careers involve what Schein terms *radial movement* - shifts toward or away from the inner circle of management in an organization, the base of power. Such movement often follows vertical movement (i.e. promotion), but not always. For example, a manager of engineering operations for a television network, who works as its headquarters, may be promoted to the vice-president at one of the network's local affiliates. The promotion in this case is real, but the individual is now farther away from the organization's inner circle of power than before (both literally in terms of miles and figuratively in terms of influence).

At the same time careers develop along these three dimensions, they also seem to move through repeated cycles of stability and change. Soon after an individual has been hired or promoted to a new position, a stage of *career growth* occurs. During this period, individuals consolidate their recent gains by acquiring the new skills and information needed to perform their current jobs effectively. As this process is completed, they enter a state of stabilisation, in which they are performing their jobs to their fullest capacity and things are on an even keel (for the time being, at least). This is followed by a period of *transition*, in which individuals prepare themselves psychologically for their next move upward. During this period, they anticipate the demand of their next stage and get ready to meet them. When the expected promotion arrives, the cycle starts over again. In short, the careers of many individuals are marked by a process in which they grow into each new position, become acclimatised to it and then begin preparations for the next step of the ladder. (525 words).

Questions 1-7

Classify the following career changes as associated with:

V Vertical movement

H Horizontal movement

R Radial movement

Then write your answer in the space provided in your booklet.

1. Accountant to financial director
2. Librarian to publishing editor
3. Head office manager to overseas affiliated director
4. Accounts director to branch manager
5. Class teacher to head teacher
6. Factory worker to foreman
7. Nurse to hospital registrar

Questions 8-18

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

Summary

Vertical movement is defined as **(8)**..... involving promotion up **(9)**.....

Both speed and timing of vertical movement vary and today there are **(10)**..... for vertical movement.

A change in **(11)**..... functions or field of work is called horizontal movement. Individuals often find that further study or **(12)**..... may be necessary in order to learn new skills and acquire new types of expertise. Two reasons for making horizontal career changes are to obtain greater **(13)**..... and/or to facilitate further **(14)** Sometimes, vertical

movement is associated with **(15)**..... in which a person is transferred to a branch or an affiliate. This movement away from the **(16)**..... base involves both distance and level of **(17)**

Whichever type of movement a person experiences, he or she will undergo a process of **(18)** before they are ready for the next career change.

15. Bài 15

You are advised to spend about 15 minutes on the following passage.

Automobiles vs. Public Transport

Public transport plays a central role in any efficient urban transport system. In developing countries, where at least 16 cities are expected to have more than 12 million people each by the end of this decade, failing to give priority to public transport would be disastrous.

The term 'public transport' covers many different types of vehicles, but most commonly refers to buses and trains. Rail services fall into four major categories: rapid rail (also called the underground, tube, metro or subway), which operates on exclusive rights-of-way in tunnels or on elevated tracks; trams, which move with other traffic on regular streets; light rail, which is a quieter, more modern version of trams that can run either on exclusive rights-of-way or with other traffics; and suburban or regional trains, which connect a city with surrounding areas.

The recent trend in many cities is toward light rail over 'heavy' rapid-rail systems. Whereas metros require exclusive rights-of-way, which often means building costly-elevated or underground lines and stations, light rail can be built on regular city streets.

The concept of public transport also includes organised car pools, in which several people share the cost of riding together in the same private automobile. For US commuters in areas with inadequate bus and train services, this is the only 'public' transport option. But even where other systems are

comprehensive, there is vast potential for car-pooling. Recent research shows that in cities the world over, private cars during commuting hours on average carry just 1.2-1.3 persons per vehicle.

Public transport modes vary in fuel use and exhaust emission and in the space they require, but if carrying reasonable numbers of passengers, they all perform better than single-occupant private cars on each of these counts.

Although energy requirements vary according to the size and design, buses and trains require far less fuel per passenger for each kilometre of travel. In the United States, for example, a light-rail vehicle needs an estimated 640 BTUs. Pool with four occupants needs 1.140 BTUs. A single-occupant automobile, by contrast, burns nearly 4580 BTUs per passenger kilometre.

The pollution savings from public transport are even more dramatic. Since both rapid and light rail have electric engines, pollution is measured not from the motor exhaust, but from the power plant generating electricity, which is usually located outside the city, where air quality problems are less serious. For typical US commuter routes, rapid rail emits 30 grams of nitrogen oxides for every 100 kilometres each rail passenger travels, compared with 43 grams for light rail, 95 grams for transit buses, and 128 grams for single-occupant automobiles. Public transport's potential for reducing hydrocarbon and carbon monoxide emissions is even greater.

Although diesel buses - especially in developing countries - can be heavy polluters, existing technologies, such as filters, can control their exhaust. Buses can also run on less polluting fuels such as propane (used in parts of Europe) and natural gas (used in Brazil and China). Test buses in the Netherlands that run on natural gas are estimated to emit 90 per cent less nitrogen oxide and 25 per cent less carbon monoxide than diesel engines do.

In addition to reducing fuel consumption and pollution, public transport saves valuable city space. Buses and trains carry more people in each vehicle and, if they operate on their own rights-of-way traffic, an underground metro can carry 70000 passenger past a Catlin point in one hour, light rail can carry up to 35000 by contrast, a lane of private cars with four occupants each can move only about 8000 people an hour, and without such car-pooling the figure is, of course, far lower.

The availability and use of public transport vary widely in cities around the globe. Since variations in distances and city densities affect the total kilometres of travel, the annual number of trips each person takes by public transport provides a better standard for comparing its importance in various cities.

Urban public transport has long been a government priority in Western Europe. All major cities there have high car ownership but well-developed bus and rail systems are available, and overall public transport typically accounts for between 20 and 30 per cent of passenger kilometres. In recent years, several large cities have stepped up their commitment to public transportation, combining further investments with complementary policies to restrict auto use.

Public transport also plays an important role in urban areas of the Third World. In many cities in Asia, Latin America, and Africa, buses make 50-80 per cent of all motorised trips. Buses are sometimes hopelessly overcrowded; it is not uncommon to see several riders clinging to the outside. Yet most Third World cities have lower public transport use per person than inability of small bus fleets to keep up with population growth.

Among the world's major cities, those in Australia and the United States make the least use of alternatives to the private car. Indeed, less than 5 per cent of US trips are by public transport, but in some cities such as New York City and

Chicago, where service is provided extensively, it is used heavily. Indeed, nearly one quarter of the entire country's public transport trips are in New York City. (868 words)

Questions 1-12

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

Public transport plays a crucial role in modern cities the world over. It has many forms such as rapid rail using (1)..... In some American cities, car-pooling is encouraged to reduce traffic in (2)..... However, in terms of the efficiency of fuel consumption and the reduction of (3)..... public transport performs far better than cars with the (4)..... above the minimum. Because of these advantages, it helps control the (5)..... which is prevalent now in most of the world cities. Besides, public transport uses far less (6)..... The success of public transport relies on (7)..... as well as its use. Therefore, some Western European governments tend to (8)..... the use of private cars with (9)..... at least in urban areas. Most Third World cities are trying hard to cope with the (10)..... of their public transport to meet the demands of the (11)..... Compared with European countries, Australia and America have the highest use of (12).....

16. Bài 16

You are advised to spend about 15 minutes on the following passage.

Paper Recycling

Paper is different from other waste produce because it comes from a sustainable resource: trees. Unlike the minerals and oil used to make plastics and metals, trees are replaceable. Paper is also biodegradable, so it does not pose as much threat to the environment when it is discarded. While 45 out of every 100 tonnes of wood fibre used to make paper in Australia comes from waste paper, the rest comes directly from virgin fibre from forests and plantations. By world standards, this is a good performance since the worldwide average is 33 percent waste paper. Governments have encouraged waste paper collection and sorting schemes and at the same time, the paper industry has responded by developing new recycling technologies that have paved the way for even greater utilization of used fibre. As a result, industry's use of recycled fibres is expected to increase at twice the rate of virgin fibre over the coming years.

Already, waste paper constitutes 70% of paper used for packaging and advances in the technology required to remove ink from the paper have allowed a higher recycled content in newsprint and writing paper. To achieve the benefits of recycling, the community must also contribute. We need to accept a change in the quality of paper products; for example, stationery may be less white and of a rougher texture. There also needs to support from the community for waste paper collection programs. Not only do we need to make the paper available to collectors but it also needs to be separated into different types and

sorted from contaminants such as staples, paperclips, string and other miscellaneous items.

There are technical limitations to the amount of paper which can be recycled and some paper products cannot be collected for reuse. These include paper in the form of books and permanent records, photographic paper and paper which is badly contaminated. The four most common sources of paper for recycling are factories and retail stores which gather large amounts of packaging material in which goods are delivered, also offices which have unwanted business documents and computer output, paper converters and printers and lastly households which discard newspapers and packaging material. The paper manufacturer pays a price for the paper and may also incur the collection cost.

Once collected, the paper has to be sorted by hand by people trained to recognise various types of paper. This is necessary because some types of paper can only be made from particular kinds of recycled fibre. The sorted paper then has to be repulped or mixed with water and broken down into its individual fibres. This mixture is called stock and may contain a wide variety of contaminating materials, particularly if it is made from mixed waste paper which has had little sorting. Various machineries are used to remove other materials from the stock. After passing through the repulping process, the fibres from printed waste paper are grey in colour because the printing ink has soaked into the individual fibres. This recycled material can only be used in products where the grey colour does not matter, such as cardboard boxes but if the grey colour is not acceptable, the fibres must be de-inked. This involves adding chemicals such as caustic soda or other alkalis, soaps and detergents, water-hardening agents such as calcium chloride, frothing agents and bleaching agents. Before

the recycled fibres can be made into paper, they must be refined or treated in such a way that they bond together.

Most paper products must contain some virgin fibre as well as recycled fibres and unlike glass, paper cannot be recycled indefinitely. Most paper is down-cycled which means that a product made from recycled paper is of an inferior quality to the original paper. Recycling paper is beneficial in that it saves some of the energy, labour and capital that go into producing virgin pulp. However, recycling requires the use of fossil fuel, a non-renewable energy source, to collect the waste paper from the community and to process it to produce new paper. And the recycling process still creates emissions which require treatment before they can be disposed of safely. Nevertheless, paper recycling is an important economical and environmental practice but one which must be carried out in a rational and viable manner for it to be useful to both industry and the community. (713 words)

Questions 1-12

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

From the point of view of recycling, paper has two advantages over minerals and oil in that firstly, it comes from a resource which is (1) and secondly, it is less threatening to our environment when we throw it away because it is (2) Although Australia's record in the reuse of water paper is good, it is still necessary to use a combination of recycled fibre and (3) to make new paper. In order to support the use of recycled paper, people need to learn to accept paper of generally lower (4) Nevertheless, paper recycling is bound by (5)because some paper



is not adaptable at all. When waste paper is collected for recycling, it needs to go through the process of being (6) and (7) before it can be made into (8) such as cardboard boxes. The fibres in the (9) can also be, (10) by applying various chemical agents. Even though paper recycling uses such a non-renewable energy source as (11) as well as creates emission, it is an important economical and environmental practice to lower the use of (12)

17. Bài 17

You should spend about 20 minutes on Questions 1-15, which are based on Reading Passage below.

Locked Doors, Open Access

The word “security” has both positive and negative connotations. Most of us would say that we crave security for all its positive virtues, both physical and psychological – its evocation of the safety of home, of undying love, or of freedom from need. More negatively, the word nowadays conjures up images of that huge industry which has developed to protect individuals and property from invasion by “outsiders”, ostensibly malicious and intent on theft or wilful damage.

Increasingly, because they are situated in urban areas of escalating crime, those buildings which used to allow free access to employees and other users (buildings such as offices, schools, colleges or hospitals) now do not. Entry areas which in another age were called “Reception” are now manned by security staff. Receptionists, whose task was to receive visitors and to make them welcome before passing them on to the person they had come to see, have been replaced by those whose task is to bar entry to the unauthorised, the unwanted or the plain unappealing.

Inside, these buildings are divided into “secure zones” which often have all the trappings of combination locks and burglar alarms. These devices bar entry to the uninitiated, hinder circulation, and create parameters of time and space for user access. Within the spaces created by these zones, Individual rooms are

themselves under lock and key, which is a particular problem when it means that working space becomes compartmentalised.

To combat the consequent difficulty of access to people at a physical level, we have now developed technological access. Computers sit on every desk and are linked to one another, and in many cases to an external universe of other computers, so that messages can be passed to and fro. Here too security plays a part, since we must not be allowed access to messages destined for others. And so the password was invented. Now correspondence between individuals goes from desk to desk and cannot be accessed by colleagues. Library catalogues can be searched from one's desk. Papers can be delivered to, and received from, other people at the press of a button.

And yet it seems that, just as work is isolating individuals more and more, organisations are recognising the advantages of "teamwork"; perhaps in order to encourage employees to talk to one another again. Yet, how can groups work in teams if the possibilities for communication are reduced? How can they work together if e-mail provides a convenient electronic shield behind which the blurring of public and private can be exploited by the less scrupulous? If voice-mail walls up messages behind a password? If I can't leave a message on my colleague's desk because his office is locked? Teamwork conceals the fact that another kind of security, "job security", is almost always not on offer. Just as organisations now recognise three kinds of physical resources: those they buy, those they lease long-term and those they rent short-term – so it is with their human resources. Some employees have permanent contracts, some have short-term contracts, and some are regarded simply as casual labour.

Telecommunication systems offer us the direct line, which means that individuals can be contacted without the caller having to talk to anyone else. Voice-mail and the answer-phone mean that individuals can communicate

without ever actually talking to one another. If we are unfortunate enough to contact an organisation with a sophisticated touch-tone dialling system, we can buy things and pay for them without ever speaking to a human being.

To combat this closing in on ourselves, we have the Internet, which opens out communication channels more widely than anyone could possibly want or need. An individual's electronic presence on the Internet is known as the "Home Page" – suggesting the safety and security of an electronic hearth. An elaborate system of 3-dimensional graphics distinguishes this very 2-dimensional medium of "web sites". The nomenclature itself creates the illusion of a geographical entity, that the person sitting before the computer is travelling when in fact the "site" is coming to him. "Addresses" of one kind or another move to the individual, rather than the individual moving between them, now that location is no longer geographical.

An example of this is the mobile phone. I am now not available either at home or at work, but wherever I take my mobile phone. Yet, even now, we cannot escape the security of wanting to "locate" the person at the other end. It is no coincidence that almost everyone we see answering or initiating a mobile phone call in public begins by saying where he or she is. (765 words)

Questions 1-4

Choose the appropriate letters A-D and write them in questions 1-4

1. According to the author, one thing we long for is

- A. the safety of the home
- B. security
- C. open access
- D. positive virtues

2. Access to many buildings

- A. is unauthorised
- B. is becoming more difficult
- C. is a cause of crime in many urban areas
- D. used to be called "Reception"

3. Buildings used to permit access to any users,

- A. but now they do not
- B. and still do now
- C. especially offices and schools
- D. especially in urban areas

4. Secure zones

- A. don't allow access to the user
- B. compartmentalise the user
- C. are often like traps
- D. are not accessible to everybody

Questions 5-12

Complete the text below, which is a summary of paragraphs 4-6. Choose your answers from the word list on the next page and write them in questions 5-12.

N.B. There are more words and phrases than spaces, so you will not be able to use them all. You may use any word or phrase more than once.

The problem of physical access to buildings has now been ____ **5** ____ by technology. Messages are sent between ____ **6** ____, with passwords not allowing ____ **7** ____ to read someone else's messages. But, while individuals are becoming increasingly ____ **8** ____ socially by the way they do their job, at the same time more value is being put on ____ **9** ____ . However, e-mail and



voice-mail have led to a 10 opportunities for person-to-person communication. And the fact that job security is generally not available nowadays is hidden by the very concept of 11. Human resources are now regarded in 12 physical ones.

Word List

just the same way as	decrease in	similar	computers
overcame	physical	reducing of	teamwork
solved	cut-off	isolating	computer
no different from	combat	other people	

Questions 13-15

Complete the sentences below. Use **NO MORE THAN THREE WORDS** from the passage for each answer. Write your answers in questions 13-15.

13. The writer does not like _____.
14. An Individual's Home Page indicates their _____ on the Internet.
15. Devices like mobile phones mean that location is _____.

18. Bài 18

You are advised to spend about 10 minutes on the following passage.

Fermented Foods for Babies

Malnutrition during weaning age - when breast milk is being replaced by semi-solid foods - is highly prevalent in children of poor households in many developing countries. While the aetiology is complex and multifactorial, the immediate causes are recognised as feeding at less than adequate levels for child growth and development, and recurrent infections, including diarrhoea, resulting mainly from ingestion of contaminated foods. As a result, many young children, particularly between six months to two years of age, experience weight loss and impaired growth and development.

Studies by investigators in various countries have concentrated on traditional food preparation methods and have resulted in offering cheap and practical answers to these problems based on familiar, indigenous and culturally acceptable home processing practices.

Two such answers have arisen. Firstly, cereal fermentation is used for reducing the risk of contamination under the existing inappropriate conditions for food preparation and storage in many households. Secondly, a tiny amount of sprouted grains is used in preparation of weaning foods as a magic way to lessen the viscosity without decreasing energy density.

REDUCING CONTAMINATION THROUGH FERMENTATION

A method to eliminate pathogenic bacteria and inhibit their growth during storage of weaning preparations can benefit nutrition and health in young

children considerably. Use of fermented foods for feeding children of weaning age appears to be an effective solution. Fermented foods have lower levels of diarrhoeal germ contamination. They are suitable for child feeding, and can be safely stored for much longer periods of time than fresh foods. The practice has been a traditional way of food preservation in many parts of the world. The anti-microbial properties of fermented foods and their relative higher safety level, documented since the early 1900s, have been indicated in a number of studies.

In Ghana, it is common to ferment maize dough before cooking it as porridge. In Kenya, cereal-based porridge and milk are traditionally fermented. Preserving milk in the form of yoghurt has been known to many households living in hot climates.

What are the underlying mechanisms by which fermentation processes help to prevent or reduce contamination? A possible answer suggests that during the fermentation process foods become more acid. This explains why diarrhoea-causing bacteria are not able to grow in fermented foods as rapidly as in unfermented ones. It is also hypothesized that some of the germs present in the foods are killed or inhibited from growing through the action of anti-microbial substances produced during fermentation (Dialogue on Diarrhoea, 1990). The fermented foods can, therefore, be kept for a longer time, compared to fresh ones. It has been shown that while contamination levels in cooked unfermented foods increase with storage time, fermented foods remain less contaminated.

Whatever the underlying mechanisms, the fact is that the exercise reduces contamination without adding to the household cost both in terms of time and money. Its preparation is easy. The cereal flour is mixed with water to form a dough which is left to be fermented; addition of yeast, or mixing with a small portion of previously fermented dough is sometimes needed. The dough can then be cooked into porridge for feeding to the child.

Although beneficial, unfortunately the practice is going out of fashion partly because of current emphasis on the use of fresh foods, particularly for children. For example, a study on the use of fermented foods for young children in Kenya (Dialogue on Diarrhoea, 1990) demonstrated that while foods are still frequently fermented at home for child feeding, their use is becoming less popular, particularly in urban areas where commercial products are more available. Clearly they now need to be promoted. (603 words)

Questions 1-7

Read the summary and then select the best word or phrase from the box on the next page to fill each gap according to the information in the reading passage.

N. B. There are more words and phrases than gaps. You may use a word or phrase more than once if you wish.

Summary

Example: During _____, many infants in developing countries may obtain inadequate nutrition.	Answer: M
--	--------------

Malnutrition and the resulting impaired growth and development in children of weaning age in developing countries results not only from... **(1)**... but also from infections caused by... **(2)**... Studies have addressed the problem of inadequate intake by using sprouted grains in food preparation. Contamination has been tackled with... **(3)**... Both of these methods are or were used traditionally, and are practical and inexpensive. Fermented foods have higher...

(4)..., and also have anti-microbial qualities. This means that contamination is decreased and that their... (5)... is increased. Fermentation occurs when... (6)... is left to stand, occasionally with simple additives. There is, however, a trend away from this... (7)... to commercial products.

- A. porridge
- B. malnutrition
- C. fermentation
- D. new technology
- E. contaminated food
- F. diarrhoeal germs
- G. traditional food
- H. storage life
- I. sprouted grains
- J. inadequate food intake
- K. acidity
- L. unfermented food
- M. weaning
- N. dough



19. Bài 19

You are advised to spend about 10 minutes on the following passage.

Political Parties in the UK

The British political scene is dominated by two major parties that have quite different political agendas. However, the ideological distance between the Labor Party and the Conservative Party has become less marked, and their policies more difficult to tell apart in recent years. In fact, it would be true to say that both parties consist of conservative, moderate and radical elements, and therefore the general public is often perplexed about which party to vote for. Nonetheless, it is usual to find that a British voter will lean towards supporting one of these two parties and remain faithful to that party for life.

The Labour Party's manifest objective is to safeguard the interests of the common working men and women, and, in effect, give them political representation in Parliament. The Party has always had strong connections with the trade unions, and, before coming to power, was always passionately committed to the concept of a welfare society in which people who are less fortunate than others are politically and financially assisted in their quest for a more equitable slice of the economic pie. The main problem is that such socialist agendas are extremely expensive to implement and maintain, even in a comparatively wealthy country with a large working and, hence, tax-paying population base. Welfare societies tend towards bankruptcy unless government spending is kept in check. Fortunately, the present government recognizes this, and has resisted reckless spending.

The Conservative Party, on the other hand, argues that the best way to ensure a fair division of wealth in the country is to allow more freedom to create it. This, in turn, means more opportunities, jobs created, etc., and therefore more wealth available to all. Just how the poor are to share in the distribution of this wealth (beyond being given, at least in theory, the opportunity to create it) is, however, less well understood. Practice, of course, may make nonsense of even the best theoretical intentions, and often the less politically powerful are badly catered for under governments implementing 'free-for-all' policies.

It is surprising, given the current homogeneity of the two major parties, that less attention than elsewhere in Europe is paid to the smaller political parties such as the Greens and the Liberal Democrats. This may be because British voters distrust parties with platforms based around one or two major current issues alone; the Green Party, for example, is almost solely concerned with the environment. Moreover, when it comes to casting a vote, history shows that the British public tends to resist change and, thus, the status quo is maintained.

(431 words)



Questions 1-10

Complete the summary of the reading passage. Choose your answers from the box on the next page.

NB There are more words than you will need to fill the gaps. You may use a word more than once if you wish.

Summary

Two parties (1)..... the British political scene: the Labour Party and the Conservative Party. Although (2)..... there are many similarities to be seen in their policies, British voters tend to stay (3)..... for life to the party of their choice. The (4)..... Party, encouraged by the trade (5)....., supports a welfare-based (6)....., whereas the (7).....Party believes that (8)..... to pursue the creation of wealth ensures that all will eventually benefit from the opportunities created. Oddly, Britons do not follow Europeans by paying much (9).....to smaller political parties, perhaps because their policies are based on just a few (10)..... political issues.

Supporters	control	support	money
Opportunities	welfare	policy	majority
Politicians	voters	unions	now
Conservative	now	general public	Labour
Loyal	attention	recently	leaning
Green	current	freedom	society

20. Bài 20

You are advised to spend about 15 minutes on the following passage.

What Happens When Lightning Strikes an Airplane?

It is estimated that on average, each airplane in the US commercial fleet is struck lightly by lightning more than once each year. In fact, aircraft often trigger lightning when flying through a heavily charged region of a cloud. In these instances, the lightning flash originates at the airplane and extends away in opposite directions. Although record keeping is poor, smaller business and private airplanes are thought to be struck less frequently because of their small size because they often can avoid weather that is conducive to lightning strikes.

The last confirmed commercial plane crash in the US directly attributed to lightning occurred in 1967, when lightning caused a catastrophic fuel tank explosion. Since then, much has been learned about how lightning can effect airplanes. As a result, protection techniques have improved. Today, airplanes receive a rigorous set of lightning certification tests to verify the safety of their designs. Nothing serious should happen because of the careful lightning protection engineered into the aircraft and its sensitive components. Initially, the lightning will attach to an extremity such as the nose or wing tip. The airplane then flies through the lightning flash, which reattaches itself to the fuselage at other locations while the airplane is in the electric 'circuit' between the cloud regions of opposite polarity. The current will travel through the conductive exterior skin and structures of the aircraft and exit off some other extremity,

such as the tail. Pilots occasionally report temporary flickering of lights or short-lived interference with instruments.

Most aircraft skins consist primarily of aluminium, which conducts electricity very well. By making sure that no gaps exist in this conductive path, the engineer can assure that most of the lightning current will remain on the exterior of the aircraft. Some modern aircraft are made of advanced composite materials, which by themselves are significantly less conductive than aluminium. In this case, the composites contain an embedded layer of conductive fibres or screens designed to carry lightning currents.

Modern passenger jets have miles of wires and dozens of computers and other instruments that control everything from the engines to the passengers' headsets. These computers, like all computers, are sometimes susceptible to upset from power surges. So, in addition to safeguarding the aircraft's exterior, the lightning protection engineer must make sure that no damaging surges or transients can reach the sensitive equipment inside the aircraft. Lightning travelling on the exterior skin of an aircraft has the potential to induce transients into wires or equipment beneath the skin. These transients are called lightning indirect effects. Careful shielding, grounding and the application of surge suppression devices avert problems caused by indirect effects in cables and equipment when necessary. Every circuit and piece of equipment that is critical or essential to the safe flight and landing of an aircraft must be verified by the manufacturers to be protected against lightning in accordance with regulations set by the Federal Aviation Administration (FAA) or a similar authority in the country of the aircraft's origin.

The other main area of concern is the fuel system, where even a tiny spark could be disastrous. Engineers thus take extreme precautions to ensure that lightning currents cannot cause sparks in any portion of an aircraft's fuel system.

The aircraft's skin around the fuel tanks must be thick enough to withstand a burn through. All of the structural joints and fasteners must be tightly designed to prevent sparks, because lightning current passes from one section to another. Access doors, fuel filler caps and any vents must be designed and tested to withstand lightning. All the pipes and fuel lines that carry fuel to the engines, and the engines themselves, must be protected against lightning. In addition, new fuels that produce less explosive vapours are now widely used.

The aircraft's radome — the nose cone that contains radar and other flight instruments — is another area to which lightning protection engineers pay special attention. In order to function, radar cannot be contained within a conductive enclosure. Instead, lightning diverter strips applied along the outer surface of the radome protect this area. These strips can consist of solid metal bars or a series of closely spaced buttons of conductive material affixed to a plastic strip that is bonded adhesively to the radome. In many ways, diverter strips function like a lightning rod on a building.

Private general aviation planes should avoid flying through or near thunderstorms. The severe turbulence found in storm cells alone should make the pilot of a small plane very wary. The FAA has a separate set of regulations governing the lightning protection of private aircraft that do not transport passengers. A basic level of protection is provided for the airframe, fuel system and engines. Traditionally, most small, commercially made aircraft have aluminium skins and do not contain computerised engine and flight controls, and they are thus inherently less susceptible to lightning; however, numerous reports of non-catastrophic damage to wing tips, propellers and navigation lights have been recorded.

The growing class of kit-built composite aircraft also raises some concerns. Because the FAA considers owner-assembled, kit-built aircraft 'experimental',

they are not subject to lightning protection regulations. Many kit-built planes are made of fibreglass or graphite-reinforced composites. At LTI, we routinely test protected fibreglass and composite panels with simulated lightning currents. The results of these tests show that lightning can damage inadequately protected composites. Pilots of unprotected fibreglass or composite aircraft should not fly anywhere near a lightning storm or in other types of clouds, because non-thunderstorm clouds may contain sufficient electric charge to produce lightning. (931 words)

Question 1-12

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

Lightning strikes occur most often to (1)..... when they pass through (2)..... in the sky. Since the 1960s, (3)..... have been developed to ensure the safety of aircraft as well as the passengers. The electrical current goes through the exterior skin of the plane because they are made of (4)..... or other (5)..... Careful shielding has been made on the fuselage to protect the electrical equipment in the plane from (6)..... The most dangerous part of an aircraft is its (7)....., therefore, fuel tanks and (8)..... must be protected against any (9)..... (10)..... are adopted to protect the aircraft's radome in which important flight equipment such as radar is contained. Although private air-craft are (11)..... to lightning, the FAA still issues very strict lightning protection regulations about safety. Nevertheless, some owner-assembled and kit-built planes are still flying in the sky with the permission of (12).....

21. Bài 21

You are advised to spend about 15 minutes on the following passage.

Domestic Pets in New Urban Areas

The role of urban design in successful pet ownership

This paper summarises the findings of an investigation into the role of urban design in successful pet ownership. There are several reasons why planners should consider pets in decisions about residential and open space development.

People are not generally aware of the popularity of pet ownership in Australia. The Morgan Research surveys estimate that in 1902, 37% of Australian households owned one or more dogs, and 30% owned one or more cats. 53% of all households owned either a dog or a cat. Pet-owning households are clearly a substantial group within the community.

Research shows that pets play an important role in teaching children about sharing, caring, communication and responsibility. They also act as companions and protectors, stress relievers and in some cases help to foster family cohesion. While pets are traditionally associated with family-type households, they are just as important to households without children; indeed they are often surrogates for children in childless families. This applies particularly to the elderly, who usually form very close associations with their pets. In an era when the population is aging and more people are living alone, pets can provide valuable relief from loneliness.

Urban pet management has been the subject of extensive debate among veterinarians and those involved in local government for some time. Part of the reason is that people complain more readily about other people's pets than ever before. Emphasis on urban consolidation has meant that smaller homes and back gardens and multi-dwelling developments not only discourage people from owning pets but also place greater demands on scarce public open space. Pet owners may face tougher restrictions from either their local council or resident management committee.

The term socially responsible pet ownership has emerged to describe a set of responsibilities to which pet owners are now expected to adhere. In meeting their responsibilities, pet owners need to consider:

- Providing an enriching environment to reduce unwanted behaviour; e.g. excessive barking.
- Confining dogs to their premises. The advantages of this include protection from catching disease, being run over and fighting. Ideally cats should be confined to the house at night for their own protection where practicable.
- Training pets to alter unacceptable behaviour.
- Exercising dogs, especially if they spend long periods on their own.

It might be tempting to prescribe different pets for different types of housing. Some people already have firm views about pets and housing type.

Mostly in relation to dogs, the only environment for a dog is in conventional detached housing or a “big” dog is only suitable in the country. However, suitability is as much dependent on the quality of space as it is on the quantity.

A dwelling that overlooks areas of activity is ideal for pets because it increases the amount of stimulation that can be received from the property. e.g. dwellings

that overlook a park or are adjacent to a busy street. This is one way to alleviate boredom and the negative behaviours that sometimes result.

Preferably a dog should have access to some outdoor space. Open space is not essential for a cat provided an enriching environment is maintained indoors, e.g. a bay window or an internal fernery. Ideally dogs should have access to all areas of open space on a property. On the whole, a dog's behaviour is likely to be better if he or she can see the street. Although the dog may bark at passers-by in the street, there will be less likelihood of excessive barking that might arise through boredom. Providing a dog with surveillance of the street also enhances public security, a very positive benefit.

With adequate fencing, a dog will be confined to the property. Cats are less easily constrained and are discussed below. The standard paling fence will restrain almost all dogs. They are recommended for side and rear boundaries. Solid front fences limit the view of the outside world and are not recommended. The dog will tend to be less roused by sound stimuli if he or she can see passers-by or activities in the street. However, it is important to ensure that the dog cannot get through the fence. Furthermore, all gates should be fitted with a return spring self-closing device.

Cats are not as easily restrained as dogs as they are more agile and have quite different notions of territoriality. Mostly this does not create a problem, although difficulties may arise in environmentally sensitive areas where cats may prey on wildlife. It is recommended that cats be confined to the house at night for their own protection.

The pleasures and benefits of pet ownership should be available to everyone. However, owning a pet brings with it responsibilities to which we are increasingly being called. It is hoped that the guidelines will encourage people

to think about pets in decisions about residential and community development. If they do, pet ownership will not be prejudiced by the push or urban consolidation. (832 words)

Question 1-12

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

Pet ownership has long been regarded as popular by (1)..... In general, aged people and children like pets very much. In (2)....., pets are normally raised as (3)..... by adults. With increasing numbers of pets in urban areas taking dwindling (4)....., pet owners will encounter (5)..... issued by government or community authorities. They are required to control their pets' behaviours, such as (6)....., that disturb their neighbours. Thus, some people are forced to choose pets according to their (7)..... Ideally, (8)..... is most suitable for raising dogs. However, too much quietness will bore the dogs because of the lack of (9)..... to them and thus cause them to perform some (10)..... Compared with dogs, cats are less restricted not only because of their agility but also because of their (11)..... With adequate control, pets can be very beneficial to anyone even in the time of (12).....

22. Bài 22

The Tourist Industry

Tourism, holiday making and travel are these days more significant social phenomena than most commentators have considered. On the face of it, there could not be a more trivial subject for a book. And indeed since social scientists have had considerable difficulty explaining weightier topics, such as work or politics, it might be thought that they would have great difficulties in accounting for more trivial phenomena such as holiday making. However, there are interesting parallels with the study of deviance. This involves the investigation of bizarre and idiosyncratic social practices which happen to be defined as deviant in some societies but not necessarily in others. The assumption is that the investigation of deviance can reveal interesting and significant aspects of 'normal' societies. It could be said that a similar analysis can be applied to tourism.

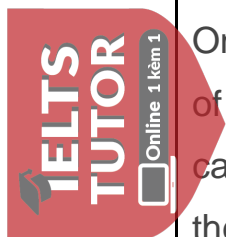
Tourism is a leisure activity which presupposes its opposite, namely regulated and organised work. It is one manifestation of how work and leisure are organised as separate and regulated spheres of social practice in 'modern' societies. Indeed acting as a tourist is one of the defining characteristics of being 'modern' and the popular concept of tourism is that it is organised within popular places and occurs for regularised periods of time. Tourist relationships arise from a movement of people to, and their stay in, various destinations. This necessarily involves some movement, that is the journey, and a period of stay in a new place or places. The journey and the activities are by definition outside the normal places of residence and work and are of a short-term and temporary

nature, and there is a clear intention to return 'home' within a relatively short period of time.

A substantial proportion of the population of modern societies engages in such tourist practices; new socialised forms of provision have developed in order to cope with the mass character of the gazes of tourists, as opposed to the individual, and be gazed upon because there is an anticipation, especially through daydreaming and fantasy, of intense pleasures, either on a different scale or involving different senses from those customarily encountered. Such anticipation is constructed and sustained through a variety of non-tourist practices, such as films, TV, literature, magazines, records and videos which construct and reinforce this daydreaming.

Tourists tend to visit features of landscape and townscape which separate them off from everyday experience. Such aspects are viewed because they are taken to be in some sense out of the ordinary. The viewing of these tourist sights often involves different forms of social patterning, with a much greater sensitivity to visual elements of landscape or townscape than is normally found in everyday life. People linger over these sights in a way that they would not normally do in their home environment and the vision is objectified or captured through photographs, postcards, films and so on which enable the memory to be endlessly reproduced and recaptured.

One of the earliest dissertations on the subject of tourism is Boorstin's analysis of the 'pseudo-event' (1964) where he argues that contemporary Americans cannot experience 'reality' directly but thrive on 'pseudo-event'. Isolated from the host environment and the local people, the mass tourist travels in guided groups and finds pleasure in inauthentic contrived attractions, gullibly enjoying the pseudo-events and disregarding the real world outside. Over time, the images generated of different tourist sights come to constitute a closed self-



perpetuating system of illusions which provide the tourist with the basis for selecting and evaluating potential places to visit. Such visits are made, says Boorstin, within the 'environmental bubble' of the familiar American-style hotel which insulates the tourist from the strangeness of the host environment.

To service the burgeoning tourist industry, an array of professionals has developed who attempt to reproduce ever-new objects for the tourist to look at. These objects or places are located in a complex and changing hierarchy. This depends upon the interplay between, on the one hand, competition between interests involved in the provision of such objects and, on the other hand, changing class, gender, and generational distinctions of taste within the potential population of visitors. It has been said that to be a tourist is one of the characteristics of the 'modern experience'. Not to 'go away' is like not possessing a car or a nice house. Travel is a marker of status in modern societies and is also thought to be necessary for good health. The role of the professional, therefore, is to cater for the needs and tastes of the tourists in accordance with their class and overall expectations. (761 words)

Questions 1-9

Complete the summary using NO MORE THAN THREE WORDS taken from the passage.

Tourism is a hot topic worth (1)..... because it reflects the (2)..... of modern societies. Now people tend to separate (3)..... from (4)..... Compared with (5).....travellers, tourists possess a (6)..... with an anticipation of daydreaming, which is intensified by many (7)..... such as films and magazines. Tourists are tired of the places similar to their (8)..... Nevertheless, the very nature of mass tourist travels can only provide them with (9)..... especially when they are led around by tourist professionals.

23. Bài 23

You are advised to spend about 15 minutes on the following passage.

Homeopathy

Homeopathy is an alternative of medicine founded in the early 19th century by a German physician, Dr. Samuel Hahnemann. Since 1980, homeopathy has experienced strong resurgence of interest in North and South America as well as in Europe. Surveys indicate that more than a third of French physicians prescribed homeopathic remedies and almost 50 per cent of British physicians have referred patients for homeopathic treatment.

Hahnemann's discovery of the principle of homeopathy was accidental. After taking some quinine he noticed that he developed malaria-like symptoms. Since malaria patients were treated with quinine, he speculated that possibly malaria is cured by quinine because it causes malaria-like symptoms in healthy people. He decided to explore the theory by testing other substances used as medicine at the same time, such as arsenic and belladonna. His tests were conducted by either taking the substances internally himself or by administering them to healthy volunteers and then recording all of the symptoms the volunteers experienced. He continued his experiments on a wide range of natural substances, often toxic. These recorded results created 'drug pictures' which formed the basis for the new system of medicine. The next step was to give the tested substances to patients suffering from the same group of symptoms represented by the drug picture recorded. The results were incredible. People were being cured from diseases that had never been cured before. He condensed his theory into a single Latin phrase: *similia similibus curentur* (let

likes be cured by likes). This means that a disease can be cured by a medicine which produces in a healthy person symptoms similar to those experienced by a patient.

The process of making remedies is very precise. A homeopathic remedy is normally a single substance. The substances may be made from plants, minerals and even animals, for example snake venom and cuttlefish ink. To make remedies, the raw material is dissolved in a mixture that contains approximately 90% alcohol and 10% water. The mixture is left to stand for 2 to 4 weeks, shaken occasionally then strained. The resulting liquid or tincture is diluted according to very specific measures to a factor of 1:100. For example, to produce a remedy called 1c potency or strength, one drop of the tincture is added to 99 drops of alcohol / water mixture. Between each mixture the remedy is shaken vigorously. Hahnemann believed that through this process, the energy of the substance was released. Once the remedy has been diluted beyond a 12c potency, it is unlikely that even a molecule of the original substance remains. Yet ironically, the more dilute the remedy, the stronger it is. This makes no sense in light of present-day science but regardless of what science tells us is impossible, in practice, the higher the dilution, the stronger and more lasting the effect.

It is this use of high dilutions that has given rise to controversy. Many conventional doctors claim that homeopathy functions only as placebo because the dosage is so small. However, the clinical experience of homeopathy shows that this tiny dose can be effective: it works on unconscious people and infants, and it even works on animals. Controlled clinical studies performed by medical researchers are demonstrating that homeopathy can be an effective method of treatment for many diseases.

The most important part of homeopathic treatments lies in the lengthy interview which the homeopath conducts with the patient. The idea behind this one - to two-hour consultation is to build up a psychological, emotional and physical history of the patient, to discover the underlying patterns of disease. The homeopath then decided which medicine to prescribe based on the closest match between the patient's symptoms and the known symptoms elicited by the medicine in a healthy body. A single dose is given for the shortest period of time necessary to stimulate the body's healing power.

How does the concept of homeopathy differ from that of conventional medicine: Very simply, homeopathy attempts to stimulate the body to recover itself. Instead of looking upon the symptoms as something wrong which must be set right, the homeopath sees them as signs of the way the body is attempting to help itself. Another basic difference between conventional medical therapy and homeopathy is in the medical substances. If the medication is withdrawn, the person returns to illness. For example, a person who takes a pill for high blood pressure every day is not undergoing a cure but is only controlling the symptoms. Homeopathy's aim is the cure: 'The complete restoration of perfect health', as Dr. Hahnemann said.

Homeopath has made significant progress in treating diseases which orthodox medicine finds difficult. Best at dealing with inflammatory conditions such as arthritis, skin conditions, migraines and respiratory problems linked to allergies, it has also proved highly successful at treating asthma. But homeopathy is not an appropriate treatment for degenerative diseases such as emphysema. It cannot treat diseases which destroy tissues, although it can be beneficial if used in combination with other treatments. Two of the main advantages of homeopathy, are the low cost of the medications and rarity of adverse reactions. The medicines are inexpensive, safe, and easy to use, so people can learn to

handle many of the common diseases for which they currently seek medical help. The resulting savings in costs and the increase in personal independence represent a significant contribution to health care. (889 words)

Questions 1-3

Complete the following description below. Choose NO MORE THAN THREE WORDS from the passage for each answer. Write your answers in the spaces provided.

Making a Homeopathic Remedy

The remedies come from plants, animals and mineral resources. A single product is mixed with (1)..... and left to stand for 2-4 weeks. This mixture is strained to produce a tincture which can be diluted. One drop of this tincture is added to 99 drops of alcohol / water. This mixture is then (2)..... vigorously. This produces a remedy with a potency of 1c. As the remedy becomes more diluted, it gets (3).....

Questions 4-7

Complete the following summary. Choose your answers from the box below and write your answers in the spaces provided.

Homeopathy differs from conventional medicine in a number of ways. Conventional medicine views symptoms as an indication of something wrong in the body whereas homeopathy sees them as signs that the body is attempting to (4)..... The uses of medication differ also. Many types of conventional medication (5)..... but if the medicine is taken away, the illness returns. The intention of homeopathy is to bring about a complete cure. Homeopathic remedies are (6)..... than conventional medicine and have fewer (7).....

List of Words and Phrases

cheaper
cure
heal itself
illness
treatments
getting better
control symptoms
more expensive
side effects
stronger
healthy
patients

