## Sujet 2009 - Test Anglais - TREMPLIN 1

## Section 1 <br> Structures

This section tests your ability to identify appropriate forms of standard written English.
Directions: each question contains a sentence that is incomplete in some way. Beneath each sentence you will see four words or phrases, marked a), b), c) and d). Choose the one word or phrase that best completes the sentence.

Example: John Le Carré $\qquad$ for his novels on espionage.
a) famous c) his fame
b) is famous d) who is famous

The sentence should read, "John Le Carré is famous for his novels on espionage." Therefore b) is the correct answer.

Now begin work on the questions.

1. Last month's meeting $\qquad$ more productive than today's.
a) is
b) has been
c) was
d) were
2. A trade dispute occurred $\qquad$ the company's failure to pay overtime.
a) because
b) thanks
c) due to
d) result of
3. The opening date of the town's new swimming-pool $\qquad$ announced tomorrow.
a) is going to
b) will be going
c) going to be
d) will be
4. The American President has been asked to authorise an emergency loan to automakers of
$\qquad$ .
a) twenty five billions dollars
b) twenty five billion dollars
c) twenty five billion of dollars
d) twenty five billions of dollars
5. If the weather forecast for tomorrow is accurate, the mountain climb go ahead as planned.
a) should it be able to
b) will be able
c) is being able to
d) should be able to
6. Joanne found the $\qquad$ of her new job the most difficult.
a) three first months
b) first three months
c) first three month
d) three first month
7. Although Peter has now qualified as a doctor, he $\qquad$ has to do more exams and studying.
a) anyhow
b) always
c) yet
d) still
8. The handbag $\qquad$ was found on the train has been handed in to the police.
a) that
b) what
c) who
d) where

9 Reports suggest that the economy $\qquad$ for a recession after a second consecutive decline in growth.
a) has headed
b) heads
c) is ahead
d) is heading
10. One of the most $\qquad$ when opening a student account, is to ask about post-graduate terms and offers.
a) important things to remember
b) important thing to remember
c) important things to remember is
d) important things remembers
11. Despite $\qquad$ given directions to the theatre, I still managed to be late and miss the first 10 minutes of the play.
a) to have been
b) have being
c) having been
d) have been
12. After looking through the travel brochure, the couple decided that a fully-inclusive trip would be $\qquad$ option for them.
a) the best
b) the most good
c) the most better
d) best
13. The receptionist called for technical support $\qquad$ problems with crossed lines and connections all afternoon.
a) as she was been having
b) she had been having as
c) as she had been having
d) as she is having
14. Club members only are allowed to use the facilities and all guests $\qquad$ at reception.
a) must being signed in
b) must to be signed in
c) must be signed in
d) must be signing in
15. During his end-of-year presentation, the sales manager remained optimistic about the target results; $\qquad$ of the team.
a) which was surprised the rest
b) which is surprised the rest
c) which was surprising the rest
d) which was surprising for the rest
16. The advisor asked the client $\qquad$ she really wanted because her request was not very clear to him.
a) to clarify what it was
b) clarifying what was it
c) what it was clarified
d) what was it to clarify
17. In order $\qquad$ working days lost to absenteeism, the factory managers offered to make the flu vaccination available to their staff.
a) to be reducing the number of
b) to reducing the number of
c) to be reduced the number of
d) to reduce the number of
18. By the time the assistant arrived at the meeting, all of the participants
$\qquad$ and were ready to start.
a) had been seated
b) will be sitting
c) are sat
d) are being seated
19. Thanks to internet advances, $\qquad$ world-famous monuments and sites without leaving your armchair.
a) it is possible to be now visiting
b) being possible to visit
c) it is now possible to visit
d) visiting is possible to
20. Managers transferred abroad may find it helpful to prepare as best they can for any
a) problems possible caused by cultural differences
b) problems caused by cultural possible differences
c) differences caused by cultural problems possible
d) possible problems caused by cultural differences
21. It is hard to believe $\qquad$ our neighbours, Janet and Jim, for nearly twenty years now.
a) that we have been knowing
b) that we know
c) that we were knowing
d) that we have known
22. Leaving the cinema, everybody agreed that the movie $\qquad$ the advertisements suggested.
a) was not thrilling
b) was not as thrilling as
c) was not as thrilling
d) was not as thrilled then
23. The production manager decided not to renew the supplier's contract
$\qquad$ the required quality standards.
a) as their works failed to meet
b) their work failed to meet
c) as their work failed to meet
d) because their works failed to meet
24. After looking at the business's financial report, it has been decided that savings need to be made and we need $\qquad$ unnecessary expenses.
a) to cut down on
b) to cut off
c) to cut aside
d) to cut away
25. The problem is that the document $\qquad$ it was impossible to read.
a) was badly so photocopied that
b) was so badly photocopied than
c) was so photocopied badly that
d) was photocopied so badly that
26. $\qquad$ by the end of today, we will have to postpone the signing of the contract to next week.
a) If we can't reach an agreement
b) If we will not reach an agreement
c) If we couldn't reach an agreement
d) If we are reaching an agreement
27. The nearest bank is $\qquad$ the travel agency, directly opposite the market square and only a two-minute walk from here.
a) not far
b) near from
c) besides
d) just next to
28. This time in two months, the first phase of the construction project according to the latest status report.
a) will be completing
b) is completed
c) will have been completed
d) has been completed
29. My grandmother, $\qquad$ , has been sent a birthday telegram by the Queen.
a) who has one hundred years
b) is one hundred years old today
c) one hundred years today
d) who is one hundred years old today
30. The customer said that $\qquad$ his complaint had been handled by the agent and wished to speak directly to the person in charge.
a) he was unhappy with the way
b) he was unhappy the way with
c) he was unhappy of the way
d) unhappy he was with the way

## Section 2 <br> Written expression

Directions: The following sentences have four underlined words or phrases, marked a), b), c) and d). Identify the one word or phrase that must be changed for the sentence to be correct.

Examples:
Fresh, green vegetables are an excellent source vitamins.
a) Fresh c) an
b) vegetables d) source

The sentence should read, "Fresh, green vegetables are an excellent source of vitamins". Therefore d) is the correct answer.

Helen from marketing has had her baby! He is born yesterday at 11 pm .
a) from c) is born
b) has had d) at 11 pm

The sentence should read, "Helen from marketing has had her baby! He was born yesterday at 11 pm ". Therefore c) is the correct answer.

Now begin work on the questions.
31. I don't travel much for my current job; however the last company I work for required regular travel abroad for meetings.
a) much
b) however
c) work
d) abroad
32. The increase in the amount of road traffic have been linked to a rise in asthma-related illnesses according to a recent medical report.
a) increase
b) have
c) rise
d) according
33. After having waited thirty minutes to the train, an announcement was made to say it had been delayed due to bad weather conditions.
a) waited
b) to
c) made
d) delayed
34. I'm afraid I can't put you through to Mr Jameson at the moment as he talks to a customer, but I can ask him to call you back once he has finished.
a) afraid
b) through
c) talks
d) has
35. World leaders have met in Washington to discuss about what can be done to help the economy.
a) have
b) in
c) about
d) done
36. Candidates are required to submit with their application both a curriculum vitae or a covering letter.
a) required
b) submit
c) or
d) covering
37. Doctors advised the athlete not to take part in the race because an ankle injury from a previous competition had not still fully healed.
a) advised
b) take part
c) injury
d) still
38. Recent medical advances have enabled a Colombian woman to successful receive the world's first ever laboratory-manufactured organ transplant.
a) recent
b) enabled
c) successful
d) manufactured
39. U.S. consumer prices dropped $1 \%$ last month while fuel costs also fell for the third consecutive times.
a) dropped
b) while
c) fell
d) times
40. Make sure you have your customer identification reference and invoice number readily when calling with inquiries.
a) make
b) your
c) readily
d) inquiries
41. Do you think you could give me some advice on how to search a work placement in America?
a) think
b) advice
c) search
d) placement
42. Every year, thousands of British students decide to travel around United States while taking a gap year from their studies.
a) thousands
b) United States
c) taking
d) studies
43. Have you spoke to Bob yet about our plans for the new product's advertisement campaign?
a) spoke
b) yet
c) plans
d) advertisement
44. The company President announced that the current economic crisis would prevent their from meeting market targets in the second half of the year.
a) announced
b) current
c) prevent
d) their
45. Fine wine drinkers can today find themself a bargain, as prices of luxury wines have fallen by almost $25 \%$.
a) fine
b) themself
c) prices
d) by
46. Seeing that the transport strike is going to take place this week, postponing the meeting to next month seems to be a most reasonable option.
a) seeing
b) going to
c) seems
d) a
47. Before I book a train connection to Brussels, would you mind to check the arrival time of my return flight to Paris please?
a) book
b) would
c) to check
d) flight
48. A definite answer will be sent to you by the end of the week, on the basis on what we have discussed this morning.
a) answer
b) sent
c) on
d) discussed
49. How many background research did you have to do before starting the marketing survey?
a) many
b) research
c) have
d) starting
50. If you were asked to do a choice between living in the town centre and living in the countryside, which would you choose?
a) were
b) do
c) countryside
d) choose
51. There has been a $6 \%$ increase in the number of the British people who have started smoking since the start of the financial crisis.
a) increase
b) the
c) have started
d) since
52. The aim of this business presentation is to convince potential investors that our company has grown up considerably since the first half of the financial year.
a) aim
b) to convince
c) grown up
d) first half
53. A series of measures has been drafted to clamp down on dangerous drivers, particular those who drink and drive.
a) series
b) down
c) particular
d) who
54. The British education minister has launched a campaign to encourage school pupil to choose mathematics and science as university subjects.
a) launched
b) school pupil
c) mathematics
d) subjects
55. If we could have a chance to explain the misunderstanding, the issue would have been much easier to resolve.
a) have
b) to explain
c) the issue
d) been
56. I have spent all morning looking for my keys and I still do not know where are they.
a) spent
b) looking
c) still
d) are they
57. The more you prepare for your exam, the likeliest you are to get the grades you want.
a) more
b) for
c) likeliest
d) grades
58. The Italian masterpiece was sold at an auction; however the buyer's identity which remains unknown.
a) the
b) was sold
c) which
d) unknown
59. In six weeks' time, the trainee manager will be working at the company for twelve months, which means he will have reached the end of his trial period.
a) time
b) be
c) months
d) reached
60. Janet realised she could loose all credibility with her team when she lost her patience and shouted at one of her staff.
a) realised
b) loose
c) lost
d) one of

## Section 3 <br> Vocabulary

Directions: In this section, each question is a sentence with a word or phrase underlined. Below each sentence are four choices and you should select the one that has the closest meaning to the underlined word or phrase.

Example: It was not until the nineteenth century that a bridge was built over the river in Bordeaux.
a) created c) constructed
b) prepared d) linked

Here the word "constructed" is closest in meaning to "built", so c) is the best answer.
Now begin work on the questions.
61. We were surprised to hear that Sue decided to quit the company after only two months at her new job.
a) move away from
b) resign from
c) give up
d) discontinue
62. The young piano prodigy already has two worldwide hit albums to her name.
a) multilingual
b) international
c) cosmopolitan
d) worldly
63. The stylish new collection by Stella McCartney can be seen at the fashion show in London next week.
a) dreary
b) dingy
c) drab
d) dashing
64. Mr Johnson's diary is full at the moment, he is tied up until the beginning of next week.
a) reachable
b) unattached
c) laid off
d) unavailable
65. You must provide full details of the accident when filing an insurance claim.
a) describing
b) annuling
c) registering
d) contending
66. The government's youth training scheme is aimed at youngsters aged between sixteen and twenty-one.
a) organisation
b) network
c) team
d) programme
67. The purpose of this presentation is to show you what the content of the course is and answer any questions you might have at this stage.
a) reveal
b) inquire
c) resolve
d) analyse
68. It would be foolish to rule out the possiblity of relocation in light of the current economic situation.
a) consider
b) exclude
c) prevent
d) allow
69. There has been a notable increase in the number of wine producers moving away from conventional methods.
a) innovative
b) agreed
c) modern
d) established
70. The French are famous for being careful with their money and generally tend not to use credit to make purchases.
a) seldom
b) rarely
c) particularly
d) as a rule
71. The England rugby player Cipriani accepted blame for his team's loss against Australia, in part due to his weak performance throughout the match.
a) liability
b) action
c) defeat
d) inquiries
72. Government recommendations include eating at least five portions of fruit or vegetables every day and doing at least thirty minutes of physical activity.
a) parts
b) pieces
c) segments
d) servings
73. The actor Leonardo DiCaprio decided to prepare for his new film role by spending time with real-life CIA agents.
a) arrange
b) develop
c) get ready
d) organise
74. All employees should report any accidents or injuries to their supervisor who must record all the details.
a) suggest
b) declare
c) conceal
d) summarise
75. While waiting to be called for her job interview, the candidate read through her curriculum vitae one last time.
a) went over
b) redrafted
c) upgraded
d) looked up
76. I recommend you buy a return ticket as it works out much cheaper than two singles.
a) calculates
b) ends up
c) weighs
d) measures
77. You will have to sound more credible than that if you want to convince the board and get them to change their minds.
a) trustworthy
b) flexible
c) strategic
d) faithful
78. Cars manufactured by Opel are sold and distributed in the UK under the name of Vauxhall.
a) diffused
b) stocked
c) advertised
d) developed
79. A spokeswoman for the hospital read a statement to confirm their support for the doctor involved in the malpractice lawsuit.
a) embroiled
b) incorporated
c) implied
d) excluded
80. Do you think you can tell me roughly how much the renovation is going to cost?
a) moderately
b) harshly
c) unevenly
d) approximately
81. I have been asked to draft a report on the proposed sites for the company's new headquarters.
a) draw up
b) revise
c) examine
d) consider
82. A meeting has been called to deal with the problems encountered by personnel working in the open-plan office.
a) prevent
b) address
c) overlook
d) avoid
83. Foreign language tour guides can be purchased for five pounds in the reception area of the museum.
a) acquired
b) located
c) refunded
d) hired
84. You may be surprised to learn that company dividends are shared out equally between all the stakeholders.
a) valued
b) estimated
c) divided
d) predicted
85. After defaulting on a loan payment, we had to pay the bank charges and extra interest.
a) missing
b) negotiating
c) settling
d) adjusting
86. There are numerous websites on the internet for consumers seeking the best insurance rates.
a) hunting for
b) discovering
c) comparing
d) researching
87. Businesses have been told that they will have to pay extra tax to offset their carbon emissions or make their production methods less polluting.
a) reduce
b) mark up
c) downgrade
d) counterbalance
88. The burden of the extra responsibility and associated problems was soon relieved by a generous pay increase.
a) $\operatorname{cost}$
b) association
c) strain
d) increase
89. This particular management theory is so advanced that I have great difficulty in grasping the concept.
a) explaining
b) understanding
c) confusing
d) relating
90. It seems unlikely that management are going to accept the new bonus scheme proposed by the union members.
a) doubtful
b) absurd
c) impossible
d) conceivable

## Section 4 <br> Reading Comprehension

In this part you will read passages on various topics then answer questions about them. Choose the answer a), b), c) or d) which best answers the question or completes the given sentence.

## Questions 91-97

Soon after the famous chain of shops Woolworths first came to Britain in 1909 with its first threepenny and sixpenny store in Liverpool, the American company began building its own custom-designed shops. During the 1920s and 1930s these took on a particularly distinctive look. Each was entered, from a high street, through two sets of double doors set back in recesses beneath a smart red name-board emblazoned with the legend FW Woolworth in bright gold serif letters.

As the 1930s wore on, Woolworths went slightly art deco, cinematic and streamlined. BC Donaldson, Woolworth's indefatigable construction superintendent, set about opening what was claimed to be a new store every 17 days. He superintended the construction of no fewer than 300 new branches between the Wall Street crash and the Second World War. In the 50s, new shops in England adopted a rather impressive modern look. High street fronts were dominated by dramatic bands of steel framed windows on their first floors while interiors resembled those of the best new post-war British factories, which could be very handsome indeed. A decline set in, though, in the 60s, when fluorescent lights ousted the old globes and "artichokes" and pink and grey terrazzo floors replaced comforting oil-wood floors.

By the 70s, though, save for surviving older branches of Woolies, the famous store had lost its ways in architectural and design terms. This was a shame not least because the firm's founder, the American Frank Winfield Woolworth [1852-1919], was a great architectural patron. The Woolworth Building in New York which he commissioned was completed in 1913 and at a staggering 792 ft tall, was far higher than the spires of the most ambitious cathedrals back in old Europe. It was, in fact, the tallest building in the world at the time, and had cost Woolworth $\$ 13.5 \mathrm{~m}$ ( $£ 8.8 \mathrm{~m}$ ) in hard cash. Designed by the architect Cass Gilbert [1859-1934], the Woolworth Building, with its gargoyles, turrets and pinnacles, was instantly dubbed the "cathedral of commerce". It was as much a symbol of New York as the Statue of Liberty.
91. Which of the following would make a suitable title for the text?
a) A historical analysis of the Woolworths company.
b) A reflection on Woolworths' stores unique design and architecture.
c) Woolworths, an American symbol of commerce.
d) The cultural differences between British and American chain stores in the 1930s.
92. Which of the following is not true according to the text?
a) The Woolworths chain is not a British company.
b) The first store opened in Britain at the beginning of the twentieth century.
c) The world's first ever Woolworths was built in Liverpool.
d) Woolworths began custom-designing its stores soon after opening in Britain.
93. Which of the following terms could best replace the word 'indefatigable' in line 8 , paragraph 2?
a) weary
b) persistent
c) tiring
d) exhausting
94. Which of the following descriptions is not accurate according to the text?
a) At the end of the 1930 s, Woolworths' shops appeared more streamlined and art deco.
b) New shops in the 1950s adopted a less industrial style which rendered the interior ugly.
c) Fluorescent lights replaced the old globes in the 1960s.
d) The store was less stylish in the 1970s, except for a few older branches.
95. How does the author feel about the style of Woolworths stores in the 1970s?
a) The shops generally attracted consumers belonging to older age groups.
b) The firm's founder was to blame for the shops' decline in style and charm.
c) It was a pity that the shops appeared less stylish.
d) Woolworths could not find a competent architect.
96. Which of the following could not replace the term 'dubbed' in line 23 , paragraph 3 ?
a) nicknamed
b) called
c) entitled
d) awarded
97. In which way does the author compare the Woolworth Building to European cathedrals?
a) The Woolworth building was bigger.
b) European cathedrals were cheaper to build.
c) The Woolworth building was completed faster.
d) The Woolworth building was less ambitious.

Questions 98-106

A year since the credit crunch spread from America to the UK, Britons are paying more for just about everything. From food to filling up the car, research has revealed that since August 9 2007, when the European Central Bank and the US Federal Reserve were forced to pump billions into the money markets, the effect of the economic slowdown has spread to every corner of the economy - and families are paying the price. Fuel, energy and grocery bills have all risen by at least 20 per cent compared to August last year, while house prices have plunged and, if they fall even further, will leave 1.7 million people with mortgages worth more than their houses.
The average annual gas bill has risen from $£ 539$ in August last year to $£ 688$ today, and will increase even more after British Gas recently lifted prices by an unprecedented 35 per cent. Electricity has also increased, and yearly annual bills are $£ 58$ dearer at $£ 439$. It is worse at petrol stations after oil prices have risen by 74.3 per cent since August 2007. Filling a 50-litre tank with unleaded petrol is $£ 10.90$ more expensive than a year ago, with drivers now paying $£ 59.50$ to fuel their cars. Diesel users are even worse off, paying $£ 66.55$ to fill up when 12 months ago they paid $£ 48.60$.
At the supermarket, families are shelling out an extra $£ 1$ for every $£ 4$ they spent 12 months ago. A trolley of 24 basic items today costs $£ 27.87$, compared to $£ 23.05$ a year ago, and the British Retail Consortium recently revealed that in the 12 months to July food inflation soared
by a staggering 9.5 per cent - and it is set to get worse. Even a slice of toast will cost the average consumer over 100 per cent more than it did in August 2007. The price of butter has climbed by 65 per cent while a loaf of white bread costs 40 per cent more. A cup of tea is also more expensive, with tea bags now 27 per cent more and a pint of milk 14 per cent higher at 40p.
Borrowing money to survive the economic slowdown is much less attractive. The rate on a $£ 7,500$ personal loan has risen from 6.1 per cent to 7.3 per cent in the 12 months to August. More alarming is the cost of buying a home for first-time buyers who pay 150 per cent more on a deposit for a two-year fixed rate mortgage, where the average cost has increased from 6.5 per cent to 6.95 per cent. With inflation nudging 16-year highs and the economy slowing, the one-year anniversary of the credit crunch provides no sign of a let-up in the pain for consumers.
98. Which subject does the text mainly deal with?
a) The reasons why consumer prices in the UK have risen.
b) The different increases in prices faced by consumers in the UK.
c) How prices in the UK have risen more than in the US.
d) Advice on how to survive during the credit crunch.
99. Who does the author feel has been affected the most by the credit crunch?
a) American firms
b) Banks
c) British families
d) Homeowners
100. Which of the following is stated by the author in reference to house prices?
a) Loans to buy houses will soon be bigger than the cost of the house.
b) House prices were twenty per cent lower last August.
c) 1.7 million people will be homeless if prices continue to fall.
d) Prices have dropped slightly since last August.
101. Which of the following would best replace the term 'unprecedented' in line 10 , paragraph 2 ?
a) unheard-of
b) impossible
c) ordinary
d) unremarkable
102. According to the text, which of the following would best complete this sentence. "Compared to August last year, annual electricity bills have..."
a) ...increased by thirty five per cent.
b) ...become fifty-eight pounds cheaper.
c) ...reached four hundred and thirty-nine pounds.
d) ...have gone up by four hundred and thirty-nine pounds.
103. Which of the following words could not replace the expression, 'shelling out', in line 16, paragraph 3 ?
a) paying
b) spending
c) forking out
d) scrimping
104. What does the author predict about the level of food inflation?
a) It will improve.
b) It will stabilise.
c) It will worsen.
d) It will recede.
105. Which item has seen the biggest increase in price, according to the text?
a) Teabags
b) Butter
c) Bread
d) Milk
106. How does the author feel this trend of increasing prices will continue?
a) It will get less painful for consumers.
b) It will continue for sixteen years longer.
c) It will slow down in one year's time.
d) It will probably continue to make life hard for consumers.

Questions 107-113
Cameras will be used to track down and fine motorists and their passengers who throw litter from cars. Local councils could use evidence collected from CCTV footage, by traffic wardens and even by members of the public on their mobile phones. Ministers are considering whether to extend the powers of local councils to help them to tackle a problem that is blighting Britain's byways and lay-bys.
A pilot scheme will begin in London this summer in which the registered keepers of vehicles will get fixed-penalty notices through the post if an incident of littering is witnessed. Other councils are keen to adopt similar powers. Transgressors of a nationwide policy would incur fines of up to $£ 80$, but it would not lead to a criminal record or to points on a driving licence. Refusal to pay, however, could lead to prosecution and a criminal record.
It is estimated that more than 30 million tonnes of litter are collected from the streets each year and 1.3 million pieces of litter are dropped on the roads each weekend. According to the Campaign to Protect Rural England, more than two thirds of local authorities have not prosecuted a single fly-tipper in five years. Councils have the power to issue on-the-spot fines for littering, but only $£ 1.5$ million is collected nationally - a fifteenth of the amount raised by the London Borough of Kensington \& Chelsea in parking fines.
Calls have been made for councils to be more robust in prosecuting offenders, for schools to issue more guidance to pupils on littering and for the road and rail authorities to take their clean-up obligations more seriously. Other suggestions include a tax on takeaway food, a redeemable deposit on drinks containers and the introduction of more litter bins, many of which have disappeared from cities because of security fears.
107. Which of the following is not stated as a way of catching offenders who drop litter?
a) Traffic wardens
b) CCTV footage
c) Members of the public
d) Car passengers
108. Which term can best replace 'tackle' in line 4, paragraph 1 ?
a) deal with
b) sort through
c) pick up
d) look over
109. If the policy were to be adopted nation-wide, offenders who throw litter from cars would automatically face which of the following penalties?
a) Prosecution
b) Points on driving licence
c) A fine of up to eighty pounds
d) A criminal record
110. Why are councils criticised in the text?
a) For issuing too many fines in London.
b) For not applying the rules that already exist.
c) For claiming 1.5 million pounds in parking fines.
d) For only prosecuting two-thirds of tippers.
111. What is meant by the word, 'raised', in line 15 , paragraph 3 ?
a) funded
b) collected
c) subsidised
d) invested
112. According to the text, what should schools do to help solve the problem?
a) Give more information and instructions to students about not dropping litter.
b) Demonstrate more discipline and punish those who drop litter.
c) Take the issue more seriously than they currently do.
d) Work more closely with road and rail authorities.
113. Which of the following is not stated in the text as a suggestion?
a) The introduction of a return and deposit system on drinks containers.
b) Charging a tax on takeaway food.
c) Providing cities with more litter bins.
d) Removing bins that present a security risk.

Questions 114-120
Sponges are among the oldest and simplest of Earth's animals. The discovery that they use a futuristic light transmission system has therefore delighted researchers. Whereas other animals pass electrical currents around their bodies using nerve cells, sponges appear to be the
only animals capable of transmitting light around their bodies in this way.This may help explain why some sponges are able to grow so big, and also clear up a long-standing mystery about how other, much smaller organisms are able to live deep within the bodies of large sponges.
Sponges mainly live in the sea, and are extremely primitive organisms. They lack muscles, nerves and internal organs, for example, and are essentially a diverse set of cells supported by a hard exoskeleton. Two of the three major types of sponge build their skeletons using special structures called spicules. These are made from silica and are basically glass rods. Previous experiments suggested that light can pass along these structures.
Specialists have proved that living sponges use these internal glass rods as light conductors. Light reaching the surface of the sponge is reflected off the insides of each spicule in much the same way light bounces along the inside of a fibre optic cable used to transmit electronic data. In doing so, light is beamed deep into the sponge.
The discovery was made using living sponges of the species Tethya aurantium . They collected the sponges from shallow waters off the coast of Croatia, and then transferred them to tanks of seawater. They then implanted light sensitive paper deep inside each sponge. They did so under dark conditions and then exposed the surface of the sponge to light. When they checked the paper, they found it was covered in spots, which corresponded exactly with where light would exit each spicule.
To grow big, sponges need essential nutrients, including carbon, nitrogen and other metabolites. These are provided by smaller organisms such as algae and cyanobacteria, with which the sponges have a symbiotic relationship. But these smaller organisms need light to survive. Because of this they usually live on the outside of sponges. In 1994, however, researchers discovered that algae sometimes do live deep within the bodies of sponges, creating a mystery as to how they survive there. The answer is that they live off light beamed down to them.
114. Which subject does the text mainly deal with?
a) A detailed description of the internal structure of sponges.
b) An examination of the types of organisms that live inside sponges.
c) A recent discovery regarding the way sponges conduct light.
d) How sponges can grow to large sizes thanks to light.
115. How do sponges differ from other animals, according to the text?
a) Sponges can transmit electricity using their nerve cells.
b) Other animals are unable to grow as big.
c) Sponges are more futuristic than other animals.
d) Other animals are unable to transmit light in the same way as sponges.
116. Which of the following is not stated as something that sponges lack?
a) Internal organs
b) Cells
c) Muscles
d) Nerves
117. What is described as being like 'glass rods' in the text?
a) Skeletons
b) Fibre optic cables
c) Spicules
d) Sponges
118. Which of the following could replace the term, 'beamed', in line 16, paragraph 3 ?
a) formed
b) eradicated
c) decimated
d) radiated
119. According to the text, what is 'Tethya aurantium' essentially?
a) The type of spots found inside the sponge.
b) The name of the experiment that led to the discovery.
c) The region in Croatia where the experiment was conducted.
d) The variety of sponge used in the experiment.
120. Why do smaller organisms usually live on the outside of sponges?
a) Light is vital for them to thrive.
b) They are too big to live on the inside.
c) Essential nutrients can only be found on the outside.
d) They provide light to the sponge this way.

## Answers

1. c
2. c
3. d
4. b
5. d
6. b
7. d
8. a
9. d
10. c
11. c
12. a
13. c
14. c
15. d
16. a
17. d
18. a
19. c
20. d
21. d
22. b
23. c
24. a
25. d
26. a
27. d
28. c
29. d
30. a
31. c
32. b
33. b
34. c
35. c
36. c
37. d
38. c
39. d
40. c
41. c
42. b
43. a
44. d
45. b
46. d
47. c
48. c
49. a
50. b
51. b
52. c
53. c
54. b
55. a
56. d
57. c
58. c
59. b
60. b
61. b
62. b
63. d
64. d
65. c
66. d
67. a
68. b
69. d
70. d
71. a
72. d
73. c
74. b
75. a
76. b
77. a
78. a
79. a
80. d
81. a
82. b
83. a
84. c
85. a
86. a
87. d
88. c
89. b
90. a
91. b
92. c
93. b
94. b
95. c
96. d
97. a
98. b
99. c
100. a
101. a
102. c
103. d
104. c
105. b
106. d
107. d
108. a
109. c
110. b
111. b
112. a
113. d
114. c
115. d
116. b
117. c
118. d
119. d
120. a
