



IELTS Mock Test 2022 January Reading Practice Test 1

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READING PASSAGE 1

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

Reading Passage 1

AUSTRALIA'S PLATYPUS



AUSTRALIA'S PLATYPUS

Of all the creatures on the earth, the Australian platypus, *Ornithorhynchus paradoxus*, is perhaps one of the most mysterious and reclusive. Derived from the Latin *platys* meaning 'flat and broad' and *pous* meaning 'foot', the platypus has long been an iconic symbol of Australia. Upon being discovered in Australia in the 1700s, sketches of this unusual creature were made and sent back to England whereupon they were considered by experts to be a hoax. Indeed, the incredible collection of its body parts – broad, flat tail, rubbery snout, webbed feet and short dense fur – make it one of the world's most unusual animals.

Officially classified as a mammal, the egg-laying platypus is mostly active during the night, a nocturnal animal. As if this combination of characteristics and behaviours were not unusual enough, the platypus is the only Australian mammal known to be venomous. The male platypus has a sharply pointed, moveable spur on its hind foot which delivers a poison capable of killing smaller animals and causing severe pain to humans. The spur – about 2 centimetres in length – is quite similar to the fang of a snake and, if provoked, is used as a means of defence. Those who have been stung by a platypus' spur report an immediate swelling around the wound followed by increased swelling throughout the affected limb. Excruciating, almost paralysing pain in the affected area accompanies the sting which, in some victims has been known to last for a period of months. One report from a victim who was stung in the palm of the hand states that "...the spur could not be pulled out of the hand until the platypus was killed." During the breeding season, the amount of venom in the male platypus increases. This has led some zoologists to theorise that the poisonous spur is primarily for asserting dominance amongst fellow-males. To be stung by a male platypus is a rare event with only a very small number of people being on the receiving end of this most reclusive creature.

In the same area of the hind foot where the male has the poisonous spur, the female platypus only develops two buds which drop off in their first year of life never to appear again. The female platypus produces a clutch of one to three eggs in late winter or spring, incubating them in an underground burrow. The eggs are 15-18 millimetres long and

have a whitish, papery shell like those of lizards and snakes. The mother is believed to keep the eggs warm by placing them between her lower belly and curled-up tail for a period of about 10 or 11 days as she rests in an underground nest made of leaves or other vegetation collected from the water. The baby platypus drinks a rich milk which is secreted from two round patches of skin midway along the mother's belly'. It is believed that a baby platypus feeds by slurping up milk with rhythmic sweeps of its stubby bill. When the juveniles first enter the water at the age of about four months, they are nearly (80-90%) as long as an adult. Male platypus do not help to raise the young.

In Australia, the platypus is officially classified as 'Common but Vulnerable'. As a species, it is not currently considered to be endangered. However, platypus populations are believed to have declined or disappeared in many catchments ¹, particularly in urban and agricultural landscapes. In most cases, the specific underlying reasons for the reduction in numbers remain unknown. Platypus surveys have only been carried out in a few catchments in eastern Australia. It is therefore impossible to provide an accurate estimate of the total number of platypus remaining in the wild. Based on recent studies, the average platypus population density along relatively good quality streams in the foothills of Victoria's Great Dividing Range is only around one to two animals per kilometre of channel. Because platypus are predators near the top of the food chain and require large amounts of food to survive (up to about 30% of a given animal's body weight each day), it is believed that their numbers are most often limited by the availability of food, mainly in the form of bottom-dwelling aquatic invertebrates such as shrimps, worms, yabbies, pea-shell mussels, and immature and adult aquatic insects. Small frogs and fish eggs are also eaten occasionally, along with some terrestrial insects that fall into the water from overhanging vegetation.

¹: Catchments are an area of land drained by a creek or river system, or a place set aside for collecting water which runs off the surface of the land.

Until the early twentieth century, platypus were widely killed for their fur. The species is now protected by law throughout Australia. Platypus are wild animals with specialised living requirements. It is illegal for members of the public to keep them in captivity. A platypus which has been accidentally captured along a stream or found wandering in an unusual place should never be taken home and treated as a pet, even for a brief time. The animal will not survive the experience. Only a small number of Australian zoos and universities hold a permit to maintain platypus in captivity for legitimate display or research purposes. Current Australian government policy does not allow this species to be taken overseas for any reason.






Questions 1-5

Do the following statements reflect the claims of the writer?

In boxes 1-5 on your answer sheet, write

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YES	if the statement agrees with the views of the writer
NO	if the statement contradicts the views of the writer
NOT GIVEN	if it is impossible to say what the writer thinks about this

- 1  The appearance of the platypus caused experts to doubt it was real.
- 2  The amount of venom in a male platypus changes during the year.
- 3  Most platypus live in Eastern Australia.
- 4  Snake venom and platypus venom are very similar.
- 5  Because their environment is specialised, platypus cannot be kept as pets.

Questions 6-9

Complete the summary.

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

Write your answers in boxes **6-9** on your answer sheet.

Male and Female Platypus

Platypus are unique Australian animals. Although all platypus share many similarities, the male and female are somewhat different from each other. For example, on the hind feet, the male has a 6 while the young female has 7 .

In the 8 the mother keeps her eggs warm and, once born, supplies her 9 . On the other hand, the male platypus does not help raise the young at all.

Questions 10-13

Complete the sentences below with words taken from Reading Passage 1.

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

Write your answers in boxes **10-13** on your answer sheet.

Even though the platypus is not endangered, it is considered 10

Platypus numbers in 11 _____ areas have declined in many catchments.

Platypus numbers are low which is probably due to a lack of 12 _____

Platypus captivity for research and study purposes requires a 13 _____

READING PASSAGE 2

You should spend about 20 minutes on Questions 14–26, which are based on Reading Passage 2.



Creature sleeps

A. Almost every living creature sleeps. For humans, it is typically something we dislike doing when we are younger and, as we age, something we increasingly look forward to at the end of each day. On the one hand, it is something that we absolutely need to sustain our life and on the other, we tend to feel guilty if we spend more time in bed than we should. Sleep researcher Professor Stanley Limpton believes that 7 hours – the average amount of sleep most people get per night – is not enough. Limpton points out that the average person is now getting 2 hours less sleep than those who lived 100 years ago and contends that this lack of sleep is one of the main reasons so many people are often clumsy, unhappy, irritable and agitated. Other scientists share Limpton's thinking. Many other researchers feel that we are not getting enough sleep and the negative impacts are being regularly felt around the world in the workplace and in the home.

B. The first experiments in recorded scientific history on the effects of people not getting enough sleep took place in the late 1800s. According to records, three volunteers were deprived of sleep for a total of 90 hours. Later on, in 1920 more experiments in sleep deprivation were conducted by scientists where several people were deprived of sleep for a period of 60 hours. The results of many sleep deprivation experiments have been recorded and conducted by American 'sleep scientist' Nathaniel Kleitman. Often referred to as 'the father of modern sleep research', Kleitman's work has formed the foundation for many areas of current sleep research. In one experiment, Kleitman examined thirty five volunteers who had been awake for 60 hours and also conducted an experiment on himself, remaining awake for a total of 100 hours. It was revealed that people who are sleep-deprived for periods of more than 60 hours try to fall asleep in any environment and show- signs of mental disturbances, visions and hallucinations. As the length of sleep deprivation increases, so too does the mental decline in an individual. Having studied a

group of 3 sleep deprived people, sleep researcher Dr. Tim Oswald, concluded that chronic sleep deprivation often leads to drastic consequences. Oswald's experiments reinstated the necessity of sleep for proper human functioning.

C. Studies of sleep patterns in some of the more remote areas of the world have also been a subject of interest amongst sleep researchers. It is well-known that during the summer months in both the Arctic and Antarctic Circles the phenomenon known as the midnight sun occurs. Given fair weather conditions, the sun is visible for a continuous 24 hours. One summer, Dr. Peter Suedfeld traveled to the Arctic and conducted a series of research projects. All participants were required to get rid of all clocks, watches and any other timekeeping devices and conduct work and sleep according to their own 'body dock'. Those involved in the experiment were required to note down when they- had a nap and when they actually went to bed. The results were that most people slept around 10 hours per day and all participants reported feeling completely invigorated and refreshed.

D. The affect of sleep interruptions have also been a focal point of some sleep research. In urban societies, traffic and aircraft noise are often referred to as 'the bane of urban existence'. Tom Grimstead took people who were classified as 'good sleepers' from quiet neighbourhoods and introduced into their bedrooms and night the noise equivalents of a major urban road. An actimeter – a device which measures the amount of movement in sleep – was used to gauge the quality of the participant's sleep. The participants emerged from the experiment in a depressed-like state after four days. Grimstead reported that participants had depression and mood scores similar to people with clinical depression...a reduction in certain performance tasks was also noted'.

E. Another area of interest in the field of sleep study involves such famous people as Thomas Edison and Winston Churchill who, reportedly, were known to be and have been classified as short sleepers. A short sleeper is one who claims to be able to get by with only 4 or 5 hours of sleep per night. Dr David Joske, secretary' of the British Sleep Association believes that 'genetically short sleepers may have some natural resistance to the effects of sleep deprivation but it is not entirely certain why some people seem to require more and others less'. Determining what makes up the differences between short and long sleepers has been difficult for researchers. Says Joske, 'When we brought long and short sleepers into controlled environments which were dark and soundproof we found that all participants slept between nine and ten hours, which seemed to preclude the short sleeper category.'

F. A study in Norway was undertaken on a number of bus drivers. They were hooked up to various computers which monitored their states of being awake. The study revealed that bus drivers were asleep for as much as 25% of the time they were driving the bus. What the drivers were having was a series of 'micro-sleeps' – short periods of time of 10 to 20 seconds where they would be classified as being asleep. In the micro-sleep state,

the individual may appear awake, even with their eyes open but in fact they are actually sleeping.

Questions 14-18

Reading Passage 2 has 6 paragraphs, A-F.

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

Write the correct number *i-ix* in boxes **14-18** on your answer sheet.

List of Headings	
i	Research into short periods of sleep
ii	Famous people, short sleepers
iii	Measuring sleep movement
iv	Sleep experiments over the past century
v	Monitoring the effects of sleep deprivation
vi	Antarctic and Arctic sleep means quality sleep
vii	Challenging research in reduced normal sleeping hours
viii	Are we getting enough sleep?
ix	The impact of noise on sleep
x	Sleep experiments in an isolated area

Example: Paragraph A; **Answer:** viii

14 Paragraph B

15 Paragraph C

16 Paragraph D

17 Paragraph E

18 Paragraph F

Questions 19-23

Look at the following list of statements (Questions 19-23) and the list of people below.


Match each statement with the correct company.


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Write the correct letter **A-D** in boxes **19-23** on your answer sheet.


NB You may use any letter more than once.


List of Researchers	
A	David Joske
B	Stanley Limpton
C	Tim Oswald
D	Dr. Peter Suedfeld

19  People need to increase their average amount of sleep.

20  Extended periods of no sleep causes serious health problems.

21  Some need more sleep and others seem to get by with less sleep.

22  The quality of sleep can be measured by an individual's sleep activity.

23  Most people need to sleep the same number of hours.

Questions 24-25

Choose **TWO** letters A-F.

Write your answers in boxes **24-25** on your answer sheet.

The list below lists some health issues associated with lack of sleep.

Which **TWO** of these health issues are mentioned by the writer?

- A** ☐ heart problems
- B** ☐ nervous disorders
- C** ☐ dizziness
- D** ☐ depression
- E** ☐ problems with mental state
- F** ☐ increased blood pressure

Question 26

Choose the correct letter, A-E

Write the correct letter in box 26 on your answer sheet.

26 Which of the following is the most suitable title for Reading Passage 2?

- ☐ A The importance of sleep
- ☐ B Studies in sleep
- ☐ C How much sleep we need
- ☐ D The effect of sleep patterns
- ☐ E Modern perspectives on sleep

READING PASSAGE 3

You should spend about 20 minutes on Questions 27-40, which are based on Reading Passage 3.



THE SEARCH FOR FRESH WATER

The assertion that water has always been the essence of life is nothing new. Water comes in many forms: spring water, sea and river water, rainwater, and fog and dew water. Yet water is becoming scarce and this scarcity is becoming a very real worry for governments all around the world. The reality is that one of the main obstacles to the economic development of a particular country is its lack of an adequate supply of fresh water. Current figures show that an inhabitant of a wealthy, modern town consumes 100-400 litres of water daily. In some developing countries the amount of water consumed does not exceed 20-30 litres per day. Rich or poor, annual water consumption has continued to grow, increasing fourfold over the last 50 years.

The world's fresh water supplies are drawn from a number of sources. The largest cache of the estimated 35 million km³ fresh water reserve is located in glaciers and snow. The amount contained in these 'storehouses' has been estimated to be around 24 million km³. Ground water is also a big contributor to the world's fresh water supplies amounting to an estimated 10.5 million km³. Considering that the total volume of water, salt and fresh, is estimated to be around 400 million km³ it can be clearly seen that the amount of fresh water available in the world is only the proverbial 'drop in the bucket'. Artesian wells, rivers and lakes only account for about 0.1 and 0.5 million km³ respectively, all of which include atmospheric precipitation such as rain and snow.

Since water is such an important commodity, various attempts to acquire stores of it have been tried with varying degrees of success. The question of what are the alternative water sources available to us today is not an easy one to answer but is certainly worthy of our best efforts to find one. One such area of interest has been desalination – the turning of salt water into drinkable water. As there is much more salt water on the earth than dry land, the idea of using desalinated seawater seems a logical one. However, some

estimates put the annual quantity of desalinated water at only around ten cubic kilometres – a tiny amount given the amount of sea water available. In parts of Senegal, for example, the greenhouse effect has been one way to desalinate seawater whereby the salt in the water is separated from the water through a process of evaporation. As part of the process, water vapour forms on large panes of glass at outside air temperature and is transported via gravity into drums. This method yields only a few cubic meters per day of fresh water but is surprisingly energy efficient. In larger scale production however, the energy efficiency plummets. The best systems burn at least a tonne of fossil fuel to produce approximately one hundred cubic metres of fresh water. This amounts to almost \$ 1 per cubic metre – a considerable cost.

Although there are several different areas from which water can be sourced, paradoxically the most extensive are the most difficult to tap. The atmosphere, for example, contains vast amounts of fresh water composed of 2% condensed water in the form of clouds and 98% water vapour. The vastness of this water source is comparable to the renewable liquid water resources of all inhabited lands. The amounts are easy to calculate, but being able and knowing how to economically obtain this water in liquid form is most challenging. One approach in drawing water from the atmosphere is fog nets. Places such as the coastal deserts of West Africa and areas of Chile and Peru have favourable condensation conditions. In these areas, ocean humidity condenses in the form of fog on the mid-range mountains (over 500m). This fog composed of droplets of suspended water can be collected in nets. In the 1960s, a University in Northern Chile conducted the first major experiments with fog nets. Drawing on the knowledge gained from these experiments, further testing was done which culminated in one village using fog nets to yield a healthy daily average of 11,000 litres of water. On a smaller scale, fog-collecting nets have recently been used in the Canary Islands and Namibia.

Unfortunately, due to its need for a combination of several factors, fog is not readily available. Dew however appears far more frequently and is less subject to the constraints of climate and geography. In order for dew to form there needs to be some humidity in the air and a reasonably clear sky. Many hot areas of countries that suffer from a lack of water such as the Sahel region of Northern Africa for example, experience significant quantities of dew. When the temperature is lowered over a short space of time by ten degrees or so, the water-harvesting possibilities from the air yield an amazing ten grams of water from each cubic meter of air – significant drops in air temperature make for greater yields. Unlike fog, dew formation can occur even in a relatively dry atmosphere, such as a desert. All it takes is for the right mix of temperatures between the earth and the air to combine and dew formation occurs.

Questions 27-29

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

Write your answers in boxes 27-29 on your answer sheet.

27 As a method of obtaining fresh water, fog

- ☐ A forms best when the air is dry.
- ☐ B is easier to collect than dew.
- ☐ C is being tried in a large-scale way in Senegal.
- ☐ D is not easy to collect.

28 Small-scale 'greenhouse effect' desalination

- ☐ A uses a considerable amount of energy.
- ☐ B is the most effective way to obtain larger water reserves.
- ☐ C uses very little energy.
- ☐ D burns quite a lot of fossil fuel.

29 One of the largest stores of fresh water in the world is

- ☐ A rivers and lakes.
- ☐ B atmospheric rain and snow.
- ☐ C ground water.
- ☐ D artesian wells

Questions 30-34

Complete each sentence with the correct ending A-F from the box below.

Write the correct letter A-F in boxes 30-34 on your answer sheet.

A	is quite popular due to it not being too affected by temperature and location.
B	is being tried via an evaporation process.
C	is not energy efficient.
D	is best for poorer countries.
E	is made up of both clouds and water vapour.
F	is increased when temperatures fall rapidly.

- 30 Turning salt water into drinking water
- 31 Large-scale fresh water production through evaporation
- 32 Water available in the atmosphere
- 33 The use of dew as a water source
- 34 The amount of water collected from dew

Questions 35-40

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

In boxes 35-40 on your answer sheet, write

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

- 35 The amount of water consumed by wealthier countries is just as much as poorer countries.
- 36 Glaciers, rivers, artesian wells and ground water are all sources of fresh water.
- 37 Large bodies of water, such as the sea, have yielded the most fresh water.
- 38 The collection of water through the use of fog nets is becoming increasingly more popular around the world.
- 39 If the sky is cloudy, dew will not form.
- 40 Dew and fog are major sources of water in smaller villages and isolated areas.



Solution:

- | | |
|---------------------------|---------------------------|
| 1 NO | 2 YES |
| 3 NOT GIVEN | 4 NOT GIVEN |
| 5 YES | 6 (movable/moveable) spur |
| 7 two buds | 8 (underground) nest |
| 9 (rich) milk | 10 common but vulnerable |
| 11 urban and agricultural | 12 food |
| 13 permit/permission | 14 v |
| 15 x | 16 ix |
| 17 vii | 18 i |
| 19 B | 20 C |

21 A

22 D

23 A

$\frac{24}{25}$ D,E

26 B

27 D

28 C

29 C

30 B

31 C

32 E

33 A

34 F

35 FALSE

36 FALSE

37 FALSE

38 NOT GIVEN

39 TRUE

40 NOT GIVEN

Review and Explanations

1 Answer: **NO**

Keywords in the question	Similar words in the passage
The appearance of the platypus caused experts to doubt it was real .	Upon being discovered in Australia in the 1700s, sketches of this unusual creature were made and sent back to England whereupon they were considered by experts to be a hoax .
Q1: Looking at the sentence “sketches of this unusual creature were made and sent back to England whereupon they were considered by experts to be a hoax ”, hoax means a humorous or malicious deception, so that this sentence means that experts believed that platypus did not exist. Thus the answer is NO .	

2 Answer: **YES**

Keywords in the question	Similar words in the passage
Q2: The amount of venom in a male platypus changes during the year.	During the breeding season, the amount of venom in the male platypus increases
Note Q2: + Looking at the sentence “during the breeding season, the amount of venom in the male platypus increases”, this sentence mentioned that the amount of venom in the male platypus increases, so that there are changes in the amount of venom + The breeding season is a period of year. Therefore, the answer is YES .	

3 Answer: **NOT GIVEN**

Keywords in the question	Similar words in the passage
Q3: Most platypus live in Eastern Australia .	Platypus surveys have only been carried out in a few catchments in eastern Australia .
The question is that “most platypus live in Eastern Australia”; however, the passage only mentions that Platypus surveys have been happened in Eastern Australia, no information that most platypus live here. Thus, the answer is NOT GIVEN .	

4 Answer: **NOT GIVEN**

Keywords in the question	Similar words in the passage
Snake venom and platypus venom are very similar .	+ The spur – about 2 centimetres in length – is quite similar to the fang of a snake and, if provoked, is used as a means of defence. + The eggs are 15-18 millimeters long and have a whitish, papery shell like those of lizards and snakes.

in the all passage, snake is mentioned 2 times in the second and third passage, the fang of a snake is quite similar the length of spur and the the eggs of snake is the same with the egg of platypus. Thus, the answer is **NOT GIVEN**.

5 Answer: **YES**

Keywords in the question	Similar words in the passage
Because their environment is specialized , platypus cannot be kept as pets .	Platypus are wild animals with specialized living requirements. It is illegal for members of the public to keep them in captivity
<p>+ Take a look at the sentence “Platypus are wild animals with specialised living requirements. It is illegal for members of the public to keep them in captivity”, we can see that platypus live in specialised requirements, and illegal means that “cannot” keep them in captivity.</p> <p>+ “Captivity” means the state of period of being held, “pet” means animals being held at home. Therefore, the answer is YES.</p>	

6 Answer: **(movable/moveable) spur**

Keywords in the question	Similar words in the passage
Q6: For example, on the hind feet , the male has a _____	The male platypus has a sharply pointed, moveable spur on its hind foot which delivers a poison capable of killing smaller animals and causing severe pain to humans.
<p>Note Q6:</p> <p>+ From the question, we can assume that the answer must be a Noun.</p> <p>+ In the question, we can see that keywords “on the hind feet” and “male”. We can skim these keywords in the sentence “the male platypus has a sharply pointed, moveable spur on its hind foot”. Therefore, the answer is movable spur.</p>	

7 Answer: **two buds**

Keywords in the question	Similar words in the passage
Q7: For example, on the hind feet , the male has a moveable spur while the young female has _____	In the same area of the hind foot where the male has the poisonous spur, the female platypus only develops two buds.
<p>Q7:</p> <p>+ From the question, we can assume that the answer must be a Noun.</p> <p>+ The keywords “the hind feet” and “female” were mentioned. Female develops two buds on the hind foot, which means the female will has two buds. Therefore, the answer is two buds.</p>	

8 Answer: **(underground) nest**

Keywords in the question	Similar words in the passage
Q8: In the _____ the mother keeps her eggs warm .	The mother is believed to keep the eggs warm by placing them between her lower belly and curled-up tail for a period of about 10 or 11 days as she rests in an underground nest
Q8: + From the question, we can assume that the answer must be a Noun. + The keywords “mother” and “eggs warm” were mentioned in the sentence “The mother is believed to keep the eggs warm by placing them between her lower belly and curled-up tail for a period of about 10 or 11 days as she rests in an underground nest”. Therefore, the answer is (underground) nest .	

9 Answer: **(rich) milk**

Keywords in the question	Similar words in the passage
Q9: Once born, supplies her _____	The baby platypus drinks a rich milk which is secreted from two round patches of skin midway along the mother's bell .
Q9: + From the question, we can assume that the answer must be a Noun. + “born” mentions that the period when platypus were baby. They drink milk from two round patches of skin midway along the mother's bell , so that mother supplies milk. Therefore, the answer is (rick) milk .	

10 Answer: **common but vulnerable**

Keywords in the question	Similar words in the passage
Q10: Even though the platypus is not endangered, it is considered _____	In Australia, the platypus is officially classified as ‘Common but Vulnerable’
Q10. Looking in the sentence “the platypus is officially classified as ‘Common but Vulnerable’”, this sentence means that the platypus is considered ‘Common but Vulnerable’. Therefore, the answer is common but vulnerable	

11 Answer: **urban and agricultural**

Keywords in the question	Similar words in the passage
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<p>Q11: Platypus numbers in _____ areas have declined in many catchments.</p>	<p>Platypus populations are believed to have declined or disappeared in many catchments, particularly in urban and agricultural landscapes.</p>
<p>Q11:</p> <p>+ From the question, we can assume that the answer must be adjectives.</p> <p>+ Considering all the keywords, we can easily infer that the answer is urban and agricultural.</p>	

12 Answer: **food**

Keywords in the question	Similar words in the passage
<p>Q12: Platypus numbers are low which is probably due to a lack of _____</p>	<p>it is believed that their numbers are most often limited by the availability of food</p>
<p>+ From the question, we can assume that the answer must be a Noun.</p> <p>+ In the passage we can see that keyword “numbers”, we can see that these numbers are controlled by food, this sentence means because the number of food is low, platypus numbers are also low. Therefore, the answer is food.</p>	

13 Answer: **permit/permission**

Keywords in the question	Similar words in the passage
<p>Q13: Platypus captivity for research and study purposes requires a</p>	<p>Only a small number of Australian zoos and universities hold a permit to maintain platypus in captivity for legitimate display or research purposes</p>
<p>Q13:</p> <p>+ From the question, we can assume that the answer must be a Noun.</p> <p>+ The answer is something is required for Platypus captivity for research and study purposes. In the passage, a permit needs to maintain Platypus captivity for research and study purposes. Therefore, the answer is permit.</p>	

14 Answer: **v**

Keywords in the question	Similar words in the passage
<p>Q14: Monitoring the effects of sleep deprivation</p>	<p>The first experiments in recorded scientific history on the effects of people not getting enough sleep took place in the late 1800s</p>
<p>Q14: From connections stated above, we can conclude that paragraph B contains the information. Thus, the answer is V.</p>	

15 Answer: **x**

Keywords in the question	Similar words in the passage
Q 15 : Sleep experiments in an isolated area	Studies of sleep patterns in some of the more remote areas of the world have also been a subject of interest amongst sleep researchers
Q15: From connections stated above, we can conclude that paragraph D contains the information. Thus, the answer is X	

16 Answer: **ix**

Keywords in question	Similar words in the passage
Q16: The impact of noise on sleep	The effect of sleep interruptions have also been a focal point of some sleep research. In urban societies, traffic and aircraft noise are often referred to as 'the bane of urban existence'
Q16: From connections stated above, we can conclude that paragraph D contains the information. Thus, the answer is IX	

17 Answer: **vii**

Keywords in the question	Similar words in the passage
Q17: Challenging research in reduced normal sleeping hours	+ A short sleeper is one who claims to be able to get by with only 4 or 5 hours of sleep per night. + Determining what makes up the differences between short and long sleepers has been difficult for researchers.
Q17: this paragraph mentioned the difficulty in research why some people sleep less than others. Thus, the answer is vii	

18 Answer: **i**

Keywords in question	Similar words in the passage
Q18: Research into short periods of sleep	+ A study in Norway was undertaken on a number of bus drivers + What the drivers were having was a series of 'micro-sleeps' – short periods of time of 10 to 20 seconds where they would be classified as being asleep.
Q18: From connections stated above, we can conclude that paragraph F contains the information. Thus, the answer is F .	

19 Answer: **B**

Keywords in the question	Similar words in the passage
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<p>Q19: People need to increase their average amount of sleep.</p>	<p>Sleep researcher Professor Stanley Limpton believes that 7 hours - the average amount of sleep most people get per night - is not enough. Limpton points out that the average person is now getting 2 hours less sleep than those who lived 100 years ago and contends that this lack of sleep is one of the main reasons so many people are often clumsy, unhappy, irritable and agitated</p>
<p>Q19: researcher Professor Stanley Limpton mentioned that 7 hour is not enough for people to sleep. Because of the lack of sleep, people are unhappy, irritable & agitated. Thus, the answer is B.</p>	

20 Answer: **C**

Keywords in question	Similar words in the passage
<p>Q20: Extended periods of no sleep causes serious health problems.</p>	<p>As the length of sleep deprivation increases, so too does the mental decline in an individual. Having studied a group of 3 sleep deprived people, sleep researcher Dr. Tim Oswald, concluded that chronic sleep deprivation often leads to drastic consequences. Oswald's experiments reinstated the necessity of sleep for proper human functioning.</p>
<p>Q20: From connections stated above, we can conclude that Tim Oswald researched that the increase of sleep deprivation causes serious health problem. Thus, the answer is C.</p>	

21 Answer: **A**

Keywords in the question	Similar words in the passage
<p>Q21: Some need more sleep and others seem to get by with less sleep.</p>	<p>Dr David Joske, secretary of the British Sleep Association believes that 'genetically short sleepers may have some natural resistance to the effects of sleep deprivation but it is not entirely certain why some people seem to require more and others less</p>
<p>Q21: From connections stated above, we can conclude that Dr David Joske said that Some need more sleep and others seem to get by with less sleep. Thus, the answer is A.</p>	

22 Answer: **D**

Keywords in the question	Similar words in the passage
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Q22: The quality of sleep can be measured by an individual's sleep activity.	<p>One summer, Dr. Peter Suedfeld traveled to the Arctic and conducted a series of research projects. All participants were required to get rid of all clocks, watches and any other timekeeping devices and conduct work and sleep according to their own 'body dock'.</p> <p>+ The results were that most people slept around 10 hours per day and all participants reported feeling completely invigorated and refreshed</p>
<p>Q22: Dr. Peter Suedfeld conducted researches, participants had to do the requirements and results stated the length of sleep increased and people felt well, the quality of sleep was better. Thus, the answer is D.</p>	

23 Answer: **A**

Keywords in the question	Similar words in the passage
Q23: Most people need to sleep the same number of hours.	Says Joske, 'When we brought long and short sleepers into controlled environments which were dark and soundproof we found that all participants slept between nine and ten hours, which seemed to preclude the short sleeper category.'
<p>From connections stated above, we can conclude that Joske believes that most people sleep the same number of hours. Thus, the answer is A.</p>	

24-25 Answer: **D,E**

Keywords in the question	Similar words in the passage
<p>Q24 & 25: TWO of these health issues are mentioned by the writer?</p> <p>A. heart problems</p> <p>B. nervous disorders</p> <p>C. dizziness</p> <p>D. depression</p> <p>E. problems with mental state</p> <p>F. increased blood pressure</p>	<p>The participants emerged from the experiment in a depressed-like state after four days. Grimstead reported that participants had depression and mood scores similar to people with clinical depression...a reduction in certain performance tasks was also noted'.</p>
<p>Q24 & 25: From connections stated above, we can conclude that two healthy issues that depression and problems with metal state. Thus, the answers are option D and E.</p>	

26 Answer: **B**

Keywords in question

Q26: Which of the following is the most suitable title for Reading Passage 2?
A. The importance of sleep
B. Studies in sleep
C. How much sleep we need
D. The effect of sleep patterns
E. Modern perspectives on sleep
The passage mentioned studies about all sides of sleep such as a lack of sleep, the quality of sleep, short sleepers and so on. The information such as the important of sleep, the effect of sleep, how much sleep we need... also mentioned in the passage; however, they are only in one or two paragraphs. Thus, the answer is B .

27 Answer: **D**

Keywords in the question	Similar words in the passage
Q27: As a method of obtaining fresh water, fog A. forms best when the air is dry. B. is easier to collect than dew. C. is being tried in a large-scale way in Senegal. D. is not easy to collect .	Unfortunately, due to its need for a combination of several factors, fog is not readily available.
Q27: + "Fog is not readily available", so it is not easy to collect water in liquid form + From connections stated above, we can conclude that the answer is D .	

28 Answer: **C**

Keywords in the question	Similar words in the passage
Q28: Small-scale 'greenhouse effect' desalination A. uses a considerable amount of energy. B. is the most effective way to obtain larger water reserves. C. uses very little energy . D. burns quite a lot of fossil fuel.	The greenhouse effect has been one way to desalinate seawater whereby the salt in the water is separated from the water through a process of evaporation. As part of the process, water vapour forms on large panes of glass at outside air temperature and is transported via gravity into drums. This method yields only a few cubic meters per day of fresh water but is surprisingly energy efficient .

Q28: Phrases have the same meaning are: **energy efficient, energy savings** and **very little energy**. From connections stated above, we can conclude that the answer is **C**.

29 Answer: **C**

Keywords in the question	Similar words in the passage
Q29: One of the largest stores of freshwater in the world is A. rivers and lakes. B. atmospheric rain and snow. C. groundwater. D. artesian wells	Groundwater is also a big contributor to the world's freshwater supplies, amounting to an estimated 10.5 million km ³ .
<p>The answer for this question is quite easy to be found.</p> <p>It is said in the text that the largest source of freshwater in the world is in glaciers and snow, and the second largest source is groundwater. Since there is no option containing "glaciers and snow", the answer is obviously option C. groundwater.</p> <p>It is also stated in the passage that artesian wells, rivers and lakes only account for about 0.1 and 0.5 million km³ of freshwater and this includes atmospheric rain and snow. This is not a big number, hence, option A, B and D are not correct.</p>	

30 Answer: **B**

Keywords in the question	Similar words in the passage
Q30: Turning salt water into drinking water A. is quite popular due to it not being too affected by temperature and location. B. is being tried via an evaporation process. C. is not energy efficient. D. is best for poorer countries. E. is made up of both clouds and water vapour.	In parts of Senegal, for example, the greenhouse effect has been one way to desalinate seawater whereby the salt in the water is separated from the water through a process of evaporation
<p>Q30:</p> <p>"Desalinate": the turning of salt water into drinkable water.</p> <p>Considering all the keywords, we can easily conclude that the correct answer is B. being tried via an evaporation process.</p>	

31 Answer: **C**

Keywords in the question	Similar words in the passage
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<p>Q31: Large-scale fresh water production through evaporation</p> <p>A. is quite popular due to it not being too affected by temperature and location.</p> <p>B. is being tried via an evaporation process.</p> <p>C. is not energy efficient.</p> <p>D. is best for poorer countries.</p> <p>E. is made up of both clouds and water vapour.</p>	<p>In larger scale production however, the energy efficiency plummets</p>
<p>Q31: “ to plummet” means to reduce fast. The energy efficient plummets means it isnot energy efficient. Thus, the answer is C. is not energy efficient.</p>	

32 Answer: **E**

Keywords in the question	Similar words in the passage
<p>Q32: Water available in the atmosphere</p> <p>A. is quite popular due to it not being too affected by temperature and location.</p> <p>B. is being tried via an evaporation process.</p> <p>C. is not energy efficient.</p> <p>D. is best for poorer countries.</p> <p>E. is made up of both clouds and water vapour.</p>	<p>The atmosphere, for example, contains vast amounts of fresh water composed of 2% condensed water in the form of clouds and 98% water vapour.</p>
<p>Q32: From connections stated above, we can conclude that clouds and water vapour made up water in the atmosphere. Thus, the answer is E. is made up of both clouds and water vapour.</p>	

33 Answer: **A**

Keywords in the question	Similar words in the passage
<p>Q33: The use of dew as a water source</p> <p>A. is quite popular due to it not being too affected by temperature and location.</p> <p>B. is being tried via an evaporation process.</p> <p>C. is not energy efficient.</p> <p>D. is best for poorer countries.</p> <p>E. is made up of both clouds and water vapour.</p> <p>F. is increased when temperatures fall rapidly.</p>	<p>Dew however appears far more frequently and is less subject to the constraints of climate and geography</p>
<p>Q33: From connections stated above, we can conclude that answer is A</p>	

34 Answer: **F**

Keywords in the question	Similar words in the passage
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<p>Q34: The amount of water collected from dew</p> <p>A. is quite popular due to it not being too affected by temperature and location.</p> <p>B. is being tried via an evaporation process.</p> <p>C. is not energy efficient.</p> <p>D. is best for poorer countries.</p> <p>E. is made up of both clouds and water vapour.</p> <p>F. is increased when temperatures fall rapidly.</p>	<p>When the temperature is lowered over a short space of time by ten degrees or so, the water-harvesting possibilities from the air yield an amazing ten grams of water from each cubic meter of air – significant drops in air temperature make for greater yields.</p>
<p>Q34: From the passage, when air temperature significantly drops (temperatures fall rapidly), the collection of water from air is greater. It is the same meaning with the amount of water in dew increases because dew is also in air. Thus, the answer is option F.</p>	

35 Answer: **FALSE**

Keywords in the question	Similar words in the passage
<p>Q35: The amount of water consumed by wealthier countries is just as much as poorer countries.</p>	<p>current figures show that an inhabitant of a wealthy, modern town consumes 100-400 litres of water daily. In some developing countries the amount of water consumed does not exceed 20-30 litres per day.</p>
<p>Q35: take a look at the sentence, “current figures show that an inhabitant of a wealthy, modern town consumes 100-400 litres of water daily. In some developing countries the amount of water consumed does not exceed 20-30 litres per day.” Comparing these numbers, we can understand that wealthy countries consume larger amount of water than the poorer countries (developing countries).</p> <p>Answer: FALSE</p>	

36 Answer: **FALSE**

Keywords in the question	Similar words in the passage
<p>Q36: Glaciers, rivers, artesian wells and groundwater are all sources of freshwater.</p>	<p>+ The world’s fresh water supplies are drawn from a number of sources</p> <p>+ The largest cache of the estimated 35 million km³ fresh water reserve is located in glaciers and snow</p> <p>+ Groundwater is also a big contributor to the world’s fresh water</p> <p>+ Artesian wells, rivers and lakes only account for about 0.1 and 0.5 million km³ respectively</p>
<p>Q36: in the passage, freshwater is located in glaciers, snow, groundwater, artesian wells, rivers and lakes; not only Glaciers, rivers, artesian wells and groundwater. Thus, the answer is FALSE.</p>	

37 Answer: **FALSE**

Keywords in the question	Similar words in the passage
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Q37: Large bodies of water, such as the sea, have yielded the most fresh water.	The largest cache of the estimated 35 million km ³ fresh water reserve is located in glaciers and snow
Q37: In the passage, the largest caches of fresh water reserve is located in glaciers and snow, not in the sea. Thus, the answer is FALSE	

38 Answer: **NOT GIVEN**

Keywords in the question
Q38. The collection of water through the use of fog nets is becoming increasingly more popular around the world.
This information is nowhere to be found in the passage. Thus, the answer is NOT GIVEN .

39 Answer: **TRUE**

Keywords in the question	Similar words in the passage
Q39: If the sky is cloudy, dew will not form.	In order for dew to form there needs to be some humidity in the air and a reasonably clear sky.
Q39: Dew forms when sky is clear and have some humidity in the air, so that when sky is cloudy, dew will not form. Thus, the answer is TRUE	

40 Answer: **NOT GIVEN**

Keywords in the question
Q40. Dew and fog are major sources of water in smaller villages and isolated areas.
This information is nowhere to be found in the passage. Thus, the answer is NOT GIVEN .

Great thanks to volunteer Hương Bùi has contributed these explanations.

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