

Зовнішнє незалежне оцінювання 2011 року з англійської мови

№	Зміст тестового завдання	Відповідність програмі ЗНО з англійської мови Знання, вміння та навички, що перевіряються
Task 1	<p style="text-align: center;">Reading</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p>Read the texts below. Match choices (A-H) to (1-5). There are three choices you do not need to use. Write your answers on the separate answer sheet.</p> </div> <p style="text-align: center;">Central European University</p> <p>1 _____ Central European University (CEU) is looking to attract students with a sense of social responsibility who are dedicated to contributing to the public good, who are transnationally-inclined, and who have the potential to work for open and democratic societies. They must in addition possess the highest academic achievements and have the potential for intellectual development. Another of the main characteristics of CEU's student body is the lack of a dominant national culture. Students are admitted on the basis of merit, without any specific country quotas or preferences.</p> <p>2 _____ CEU encourages and supports a lively university atmosphere and a sense of community that extends beyond the classroom. As the majority of students come to CEU as international students, the university seeks to build upon the multicultural diversity of its constituents and to enrich the overall student experience. Student activities at CEU are organized directly by the students, by their academic departments or by the Student Life Office of Student Services. Some activities support specific interests, talents and academic pursuits, while others are open to the entire university community and bring together students, faculty and staff.</p> <p>3 _____ The CEU Residence and Conference Center is a modern residence complex located in District 10 of Budapest. It provides air-conditioned single rooms for up to 180 students; each room is equipped</p>	<p>Розуміти зміст прочитаного, знаходити основну інформацію у текстах різнопланового характеру, уміти узагальнювати зміст прочитаного.</p>

	<p>with a personal computer and a private bathroom. The dormitory is run as a hotel-type service and students can find many other services such as a small shop for various personal articles, a cafeteria, a restaurant and a pub. There is a sports center with a swimming pool and a fitness room, basketball and tennis courts, etc. On every floor there is a quiet lounge with a coffee machine, a microwave oven and a refrigerator; as well as a TV room, and a laundry room. Bed linen is provided, but not towels and toiletries. Cooking or keeping food in rooms is not permitted.</p> <p>4</p> <hr/> <p>With over 250,000 documents in various formats, the CEU Library holds the largest collection of English-language materials in the social sciences and the humanities in Central and Eastern Europe. New materials are constantly acquired, particularly within the disciplines of CEU's academic departments and programs. Recently published English-language monographs and serials in economics, environmental policy and sciences, history, international relations and European studies, law, and political science can be found in the collection: many are unique to the region. The basic literature of specialized fields such as gender studies or nationalism is also richly represented.</p> <p>5</p> <hr/> <p>CEU maintains an internal academic data network. Course registration and grading are computerized, and students are responsible for conducting all necessary procedures in connection with registration. This continually developing service integrates most of the administrative functions students have to deal with during their stay at CEU.</p> <p>A Information System B Food Services C Student Profile D Admission Instructions E Information Resources F Housing and Facilities G Extracurricular Activities H Student Orientation</p>	
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Task 2

Read the text below. For questions (6–10) choose the correct answer (A, B, C, D). Write your answers on the separate answer sheet.

Forget What You Know About Good Study Habits

BY BENEDICT CAREY

Every September, millions of parents try a kind of psychological witchcraft, to transform their summer-glazed campers into fall students, their video-bugs into bookworms. Advice is cheap and all too familiar: Clear a quiet work space. Stick to a homework schedule. Set goals. Set boundaries. Do not bribe (except in emergencies).

And check out the classroom. Does Junior's learning style match the new teacher's approach? Or the school's philosophy? *Maybe the child isn't "a good fit" for the school.*

Such theories have developed in part because of sketchy education research that doesn't offer clear guidance. Student traits and teaching styles surely interact; so do personalities and at-home rules. The trouble is, no one can predict how.

Yet there are effective approaches to learning, at least for those who are motivated. In recent years, cognitive scientists have shown that a few simple techniques can reliably improve what matters most: how much a student learns from studying.

The findings can help anyone, from a fourth grader doing long division to a retiree taking on a new language. But they directly contradict much of the common wisdom about good study habits, and they have not caught on.

For instance, instead of sticking to one study location, simply alternating the room where a person studies improves retention. So does studying distinct but related skills or concepts in one sitting, rather than focusing intensely on a single thing.

"We have known these principles for some time, and it's intriguing that schools don't pick *them* up, or that people don't learn them by trial and error," said Robert A. Bjork, a psychologist at the University of California, Los Angeles. "Instead, we walk around with all sorts of unexamined beliefs about what works that are mistaken."

Розуміти прочитані автентичні тексти різних жанрів і стилів, у тому числі сучасну художню прозу; знаходити інформацію відповідно до завдання в автентичних текстах різнопланового характеру; виділяти детальну інформацію про осіб, факти, події тощо; виокремлювати ключові слова та визначати значення незнайомих слів за контекстом

6	<p>In the 1st paragraph the author advises parents NOT to _____.</p> <p>A behave in a dishonest way in order to get an advantage B offer a child something in return for studying C deliberately tell a child something that is not true D make a child feel guilty for something he/she has done</p>	
7	<p>According to the text which of the following is the main problem parents face in September?</p> <p>A Trying to educate children with little money B Looking for ways to make children read more C Choosing a suitable school for their children D Turning their children's attention to studying</p>	
8	<p>The author mentions all of the following EXCEPT _____.</p> <p>A education research is fragmentary B improving learning styles is quite easy C teachers often ignore research on good study habits D elderly people rarely benefit from new learning techniques</p>	
9	<p>By saying "<i>Maybe the child isn't a 'good fit' for the school</i>", the author implies that _____.</p> <p>A the student isn't talented enough to be accepted by the school B the child is not highly motivated to study as required by the school C the student's learning style differs from the teaching approach at school D the child lacks the physical strength necessary for intensive studies at school</p>	
10	<p>The word "<i>them</i>" in line 25 refers to _____.</p> <p>A principles B people C trial and error D schools</p>	

Task 3

Read the texts below. Match choices (A-H) to (11-15). There are three choices you do not need to use. Write your answers on the separate answer sheet.

National Geographic invites you to join a variety of thrilling expeditions. Accompanying each expedition is a diverse team of experts – from naturalists to regional specialists – who will share their knowledge and insights on the wildlife, landscapes, and local culture. See some of the members of our extraordinary team below.

11 Jay Dickman

Pulitzer Prize-winning photographer Jay Dickman has worked in photojournalism for more than 30 years, covering topics as diverse as the war in El Salvador, the Olympics, national political conventions, the Super Bowl, and the 40th anniversary of the bombing of Hiroshima. He lived for three months in a village in Papua New Guinea and spent a week under the Arctic ice in a nuclear attack sub on assignments for *National Geographic* magazine. His work has also appeared in publications around the world, including *LIFE*, *Time*, and *Sports Illustrated*.

12 Kitty Coley

Kitty Coley is a geologist, naturalist, and avid birder who serves as a consultant to *National Geographic* magazine and has led expeditions for National Geographic for more than eight years. She worked as a geologist for 15 years before becoming involved full-time in expedition travel. Through her work, she has spent extensive time in remote rain forests and rugged geologic settings around the world. Her love of nature has led to exploration through scuba diving, backpacking, white-water and sea kayaking, and mountain biking. Kitty shares her in-depth knowledge about the fascinating aspects of the geology, flora, and fauna in a very interactive, enthusiastic approach.

Переглядати текст чи серію текстів з метою пошуку необхідної інформації для виконання певного завдання.

13

Michael Melford

National Geographic photographer Michael Melford has produced over 30 stories for *National Geographic Traveler* magazine, including eight covers. Some of Michael's recent assignments have focused on America's national parks, and the need to preserve them. Michael has produced photography for eight books for National Geographic, including three on Alaska, his favorite being *Treasures of Alaska*, for which he spent four months traveling to every corner of the state. When not shooting for National Geographic, Michael enjoys giving seminars and workshops on photography, and sharing both his love of nature and his extensive knowledge.

14

Tierney Thys

National Geographic Emerging Explorer, Tierney Thys, is a marine biologist and documentary filmmaker whose work explores the breadth of animal diversity from pole to pole and chronicles global environmental change. Tierney is a world authority on the giant ocean sunfish, *Mola mola*, and has led numerous expeditions worldwide from Africa to Baja, Japan, Indonesia and the Galápagos Islands to study these bizarre jelly-eating behemoths. Tierney has also developed and guided National Geographic student marine biology expeditions in Monterey Bay.

15

Kurt Westenbarger

Writer and wilderness guide Kurt Westenbarger has led camping and backpacking trips in the Rocky Mountains for more than thirty years. His articles on natural history have appeared in *Bicycling*, *Outdoor Life*, *Montana Magazine*, *West Yellowstone News* and *Big Sky's Lone Peak Lookout*. An instructor at Western Montana College, Kurt is well-versed in the region's diverse geology, flora, and fauna, as well as the history of the Lewis & Clark expedition and the 1877 Nez Perce flight.

	<p>This team member _____.</p> <p>A is an underwater world expert</p> <p>B used to work at the planetarium</p> <p>C uses sports activities for his/her work</p> <p>D specializes in mountain expeditions</p> <p>E explores the underground world of caves</p> <p>F has got an award for his/her work</p> <p>G is interested in ancient civilizations</p> <p>H teaches people about his/her profession</p>	
Task 4	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Read the text below. Choose from (A–H) the one which best fits each space (16–21). There are two choices you do not need to use. Write your answers on the separate answer sheet.</p> </div> <p>Introduction to sleep</p> <p>When you're in a rush to meet work, school, family, or household responsibilities, do you cut back on your sleep? Like many people, you might think that sleep is merely a "down time" when (16) _____. Think again.</p> <p>What is sleep?</p> <p>Sleep was long considered just a uniform block of time when you are not awake. Thanks to sleep studies done over the past several decades, it is now known that sleep has distinctive stages that cycle throughout the night. Your brain stays active throughout sleep, but (17) _____. For instance, certain stages of sleep are indeed for us to feel well rested and energetic the next day, and other stages help us learn or make memories.</p> <p>In brief, a number of vital tasks carried out during sleep help maintain good health and enable people to function at their best. On the other hand, not getting enough sleep can be dangerous - for example, (18) _____ if you drive when you are tired.</p> <p>How much sleep is enough?</p> <p>Sleep needs vary from person to person, and (19) _____. Most adults need 7-8 hours of sleep each night. Newborns, on the other hand, sleep between 16 and 18 hours a day, and children in preschool sleep between 10 and 12 hours a day. School-aged children and teens need at least 9 hours of sleep a night.</p>	<p>Розуміти зміст прочитаного; розуміти структуру тексту, розпізнавати зв'язки між частинами тексту.</p>

	<p>Some people believe (20) _____. But there is no evidence to show that older people can get by with less sleep than younger people. As people age, however, they often get less sleep or they tend to spend less time in the deep, restful stages of sleep.</p> <p>Why sleep is good for you and skimping on it isn't Does it really matter if (21) _____? Absolutely! Not only does the quantity of your sleep matter, but the quality of your sleep is important as well.</p> <p>A they change throughout the lifecycle B that sleep is needed for creative problem solving C different things happen during each stage D it can lead to daytime sleepiness E the brain shuts off and the body rests F that adults need less sleep as they get older G you get enough sleep H you are more likely to be in a car crash</p>	
<p>Task 5</p>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Read the text below. For questions (22-33) choose the correct answer (A, B, C or D). Write your answers on the separate answer sheet.</p> </div> <p style="text-align: center;">From the History of Moving Pictures</p> <p>Many believe that the story first began in America in 1877, when two friends were (22) _____ over whether a horse ever had all four feet or hooves off the ground when it galloped. To settle the bet, a photographer was asked to photograph a horse galloping and the bet was settled because you could see that all the hooves were (23) _____ the ground in some of the photos. What was even more interesting was that if the photos were shown in quick succession the horse looked (24) _____ it was running – in other words ‘moving pictures’.</p> <p>The person who became interested in (25) _____ the moving pictures to its next step was</p>	<p>Ступінь сформованості лексико-граматичних навичок.</p> <p>Правильно використовувати лексичні одиниці, розрізняти значення окремих лексичних одиниць відповідно до контексту.</p>

the famous American inventor Thomas Edison. Actually, he didn't do the work (26) _____ but rather asked a young Scotsman in his employ to design a system, which he did. Now this young fellow was clever because the first thing he did was study other systems-primitive as they were – of moving pictures and then put all the existing technologies together to make the first entire motion picture system. He (27) _____ a camera, a projection device and the film. The system was first shown in New York in 1894 and was really very popular. Apparently people (28) _____ around the block to see the wonderful new invention. There were, however, a couple of problems with the system. The camera weighed over 200 kilograms and only one person at a time could see the film.

Well now, news of the new system in America (29) _____ fast and a number of rival European systems started to appear once people had heard about it. The single problem with all the systems was that they couldn't really (30) _____ the film onto a screen – you know, so more than one person could see it. Then in 1895, three systems were developed, more or less at the same time and independently of each other. I guess the most famous of these was (31) _____ the Lumiere Brothers from France, and they called their system the cinematograph which of course is where the word cinema comes from.

Well now, once the problem of projection had been solved, the next (32) _____ for the inventors was to make the films longer and more interesting. A continuing problem at the time was that the films had a (33) _____ to break when they were being played – a problem which was caused by the tension between the two wheels, or 'reels' as they are called, which hold the film.

22	A	conflicting	B	discussing	C	arguing	D	speaking
23	A	up	B	off	C	upon	D	of
24	A	such	B	as	C	same	D	like
25	A	taking	B	receiving	C	giving	D	capturing
26	A	herself	B	themselves	C	himself	D	ourselves
27	A	designed	B	did	C	performed	D	conducted

28	A	out	B	up	C	off	D	ahead	
29	A	applied	B	travelled	C	ran	D	extended	
30	A	play	B	show	C	plan	D	project	
31	A	of	B	with	C	by	D	on	
32	A	challenge	B	opportunity	C	rivalry	D	fight	
33	A	intention	B	tendency	C	possibility	D	motive	
Task 6	<p>Read the texts below. For each of the empty space (34–45) choose the correct answer (A, B, C or D). Write your answers on the separate answer sheet.</p> <p style="text-align: center;">Male Birds Belt out Their Song by Putting a Little Muscle into It</p> <p>Some male songbirds can sing (34) _____ notes than females because they have stronger muscles to make the sounds. Some scientists used to think it was all about how well the birds could force air out of their lungs, but new research says it has more to do with muscles in the (35) _____ throats.</p> <p>There's a reason the boy birds are better singers. They have (36) _____ a mate. The more varied their songs, (37) _____ it will stand out from other boy birds who are also singing in hopes of finding a mate. Varied songs also are easier to hear over noises, like a rushing stream or the noisy calls of other birds.</p> <p>Although all birds (38) _____ knowing certain calls, songbirds learn how to sing from their parents. That ability is only found in songbirds, humans and a few other mammals like dolphins, whales and bats.</p> <p>So think about muscles the next time you hear a bird singing. Muscles (39) _____ just in your arms and legs, or in a bird's wings. They also help us make a variety of sounds.</p>								<p>Ступінь сформованості лексико-граматичних навичок та засвоєння системних знань про мову.</p> <p>Уміння правильно використовувати відповідні граматичні форми (часові форми дієслова, модальні, допоміжні дієслова та дієслова-зв'язки, іменники, прикметники тощо) та частини мови відповідно до контексту.</p>

34	A	much	B	the most	C	more	D	many
35	A	songbird	B	songbirds'	C	songbird's	D	songbirds
36	A	attracted	B	attracting	C	been attracted	D	to attract
37	A	better	B	the better	C	best	D	the best
38	A	are born	B	will be born	C	to be born	D	born
39	A	weren't found	B	weren't finding	C	aren't finding	D	aren't found

Why do songs get stuck in our heads?

Having a song, tune, or commercial jingle stuck in one's head is a phenomenon (40) _____ as having an earworm. Most people have had an earworm at one time. The experience is harmless and unrelated to both obsessive-compulsive disorder and endomusia, the (41) _____ of music that is not really there. Certain songs – simple, repetitive, or oddly incongruous – have properties that act as mental mosquito bites in that they produce a cognitive "itch." The condition also arises when people struggle (42) _____ forgotten lyrics or how a song ends. To scratch a cognitive itch, the brain repeats the song, which then traps the hapless victim in a repeated cycle of itching and scratching. Everyone has his or her own list of demon tunes that haunt. Earworms occur more often among women, musicians, and individuals who (43) _____ to worry. Earworms also vary across situations, striking when people (44) _____ or under stress. How can you make an earworm go away? Thinking of something else or actually listening to the song in question are thought to help, but there is presently no research evidence showing what works best. Fortunately, (45) _____ episodes eventually dissipate on their own.

40	A	Knew	B	known	C	has known	D	knows
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34 – Творення і вживання ступенів порівняння прикметників.

35 – Вживання присвійного відмінку іменників.

36 – Вживання неособових форм дієслова (інфінітив).

37 – Творення і вживання ступенів порівняння прикметників.

38 – Творення і вживання дієслів у Present Simple (Indefinite) у пасивному стані.

39 – Творення і вживання дієслів у Present Simple (Indefinite) у пасивному стані.

40 – Вживання неособових форм дієслова (дієприкметники теперішнього часу Participle I).

41	A	hears	B	heard	C	hearing	D	is hearing	<p>41 – Вживання неособових форм дієслова (герундій).</p> <p>42 – Вживання неособових форм дієслова (інфінітив).</p> <p>43 – Творення і вживання дієслів у Present Simple (Indefinite) в активному стані.</p> <p>44 – Творення і вживання дієслів у Present Simple (Indefinite) у пасивному стані.</p> <p>45 – Творення і вживання ступенів порівняння прикметників.</p>
42	A	remember	B	remembers	C	remembered	D	to remember	
43	A	tend	B	tending	C	tended	D	tends	
44	A	tiring	B	have tired	C	are tired	D	tired	
45	A	much	B	most	C	the most	D	more	
46	<p style="text-align: center;">Writing</p> <p>Last month you took an active part in the TV quiz show “Around the World”. And you’ve won a prize – two tickets for a tour of Ukraine. Write a letter to your friend in which you</p> <ul style="list-style-type: none"> • invite him/her to join you • describe the means of travel and accommodations • describe two special places you are going to visit • give suggestions what he/she will need to take with him/her <p>Write a letter of at least 100 words. Do not write your own name, any dates, addresses or other personal information. Start your letter in an appropriate way.</p>								<p>Уміння передати у письмовій формі необхідну інформацію, правильно, з урахуванням соціокультурних відмінностей оформити і написати лист особистого характеру, використовуючи формули мовленнєвого етикету, прийняті в англomовних країнах, розповідаючи про окремі факти та події свого життя, висловлюючи власні міркування і почуття тощо.</p> <p>Уміння правильно і відповідно до ситуації використовувати певні лексичні одиниці (частини мови), включаючи ряд фразеологічних зворотів, розмовних фраз та відповідні граматичні форми.</p>

Зовнішнє незалежне оцінювання 2011 року
Відповіді на завдання тесту з англійської мови

Умова завдання та правильна відповідь

Task 1

Read the text below. Match choices (A – H) to (1 – 5). There are three choices you do not need to use. Write your answers on the separate answer sheet.

Central European University

1 Student Profile

Central European University (CEU) is looking to attract students with a sense of social responsibility who are dedicated to contributing to the public good, who are transnationally-inclined, and who have the potential to work for open and democratic societies. They must in addition possess the highest academic achievements and have the potential for intellectual development. Another of the main characteristics of CEU's student body is the lack of a dominant national culture. Students are admitted on the basis of merit, without any specific country quotas or preferences.

2 Extracurricular Activities

CEU encourages and supports a lively university atmosphere and a sense of community that extends beyond the classroom. As the majority of students come to CEU as international students, the university seeks to build upon the multicultural diversity of its constituents and to enrich the overall student experience. Student activities at CEU are organized directly by the students, by their academic departments or by the Student Life Office of Student Services. Some activities support specific interests, talents and academic pursuits, while others are open to the entire university community and bring together students, faculty and staff.

3 Housing and Facilities

The CEU Residence and Conference Center is a modern residence complex located in District 10 of Budapest. It provides air-conditioned single rooms for up to 180 students; each room is equipped with a personal computer and a private bathroom. The dormitory is run as a hotel-type service and students can find many other services such as a small shop for various personal articles, a cafeteria, a restaurant and a pub. There is a sports center with a swimming pool and a fitness room, basketball and tennis courts, etc. On every floor there is a quiet lounge with a coffee machine, a microwave oven and a refrigerator; as well as a TV room, and a laundry room. Bed linen is provided, but not towels and toiletries. Cooking or keeping food in rooms is not permitted.

4 Information Resources

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Reading

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And check out the classroom. Does Junior's learning style match the new teacher's approach? Or the school's philosophy? Maybe the child isn't "a good fit" for the school.

Such theories have developed in part because of sketchy education research that doesn't offer clear guidance. Student traits and teaching styles surely interact; so do personalities and at-home rules. The trouble is, no one can predict how.

Yet there are effective approaches to learning, at least for those who are motivated. In recent years, cognitive scientists have shown that a few simple techniques can reliably improve what matters most: how much a student learns from studying.

The findings can help anyone, from a fourth grader doing long division to a retiree taking on a new language. But they directly contradict much of the common wisdom about good study habits, and they have not caught on.

For instance, instead of sticking to one study location, simply alternating the room where a person studies improves retention. So does studying distinct but related skills or concepts in one sitting, rather than focusing intensely on a single thing.

"We have known these principles for some time, and it's intriguing that schools don't pick *them* up, or that people don't learn them by trial and error," said Robert A. Bjork, a psychologist at the University of California, Los Angeles. "Instead, we walk around with all sorts of unexamined beliefs about what works that are mistaken."

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Pulitzer Prize-winning photographer Jay Dickman has worked in photojournalism for more than 30 years, covering topics as diverse as the war in El Salvador, the Olympics, national political conventions, the Super Bowl, and the 40th anniversary of the bombing of Hiroshima. He lived for three months in a village in Papua New Guinea and spent a week under the Arctic ice in a nuclear attack sub on assignments for *National Geographic* magazine. His work has also appeared in publications around the world, including *LIFE*, *Time*, and *Sports Illustrated*.

12 Kitty Coley uses sports activities for his/her work



Kitty Coley is a geologist, naturalist, and avid birder who serves as a consultant to *National Geographic* magazine and has led expeditions for National Geographic for more than eight years. She worked as a geologist for 15 years before becoming involved full-time in expedition travel. Through her work, she has spent extensive time in remote rain forests and rugged geologic settings around the world. Her love of nature has led to exploration through scuba diving, backpacking, white-water and sea kayaking, and mountain biking. Kitty shares her in-depth knowledge about the fascinating aspects of the geology, flora, and fauna in a very interactive, enthusiastic approach.

13 Michael Melford teaches people about his/her profession



National Geographic photographer Michael Melford has produced over 30 stories for *National Geographic Traveler* magazine, including eight covers. Some of Michael's recent assignments have focused on America's national parks, and the need to preserve them. Michael has produced photography for eight books for National Geographic, including three on Alaska, his favorite being *Treasures of Alaska*, for which he spent four months traveling to every corner of the state. When not shooting for National Geographic, Michael enjoys giving seminars and workshops on photography, and sharing both his love of nature and his extensive knowledge.

14 Tierney Thys is an underwater world expert



National Geographic Emerging Explorer, Tierney Thys, is a marine biologist and documentary filmmaker whose work explores the breadth of animal diversity from pole to pole and chronicles global environmental change. Tierney is a world authority on the giant ocean sunfish, *Mola mola*, and has led numerous expeditions worldwide from Africa to Baja, Japan, Indonesia and the Galápagos Islands to study these bizarre jelly-eating behemoths. Tierney has also developed and guided National Geographic student marine biology expeditions in Monterey Bay.

15 Kurt Westenbarger specializes in mountain expeditions



Writer and wilderness guide Kurt Westenbarger has led camping and backpacking trips in the Rocky Mountains for more than thirty years. His articles on natural history have appeared in *Bicycling*, *Outdoor Life*, *Montana Magazine*, *West Yellowstone News* and *Big Sky's Lone Peak Lookout*. An instructor at Western Montana College, Kurt is well-versed in the region's diverse geology, flora, and fauna, as well as the history of the Lewis & Clark expedition and the 1877 Nez Perce flight.

Task 4

Read the text below. Choose from (A – H) the one which best fits each space (16 – 21). There are two choices you do not need to use. Write your answers on the separate answer sheet.

Introduction to sleep

When you're in a rush to meet work, school, family, or household responsibilities, do you cut back on your sleep? Like many people, you might think that sleep is merely a "down time" when (16) **the brain shuts off and the body rests**. Think again.

What is sleep?

Sleep was long considered just a uniform block of time when you are not awake. Thanks to sleep studies done over the past several decades, it is now known that sleep has distinctive stages that cycle throughout the night. Your brain stays active throughout sleep, but (17) **different things happen during each stage**. For instance, certain stages of sleep are indeed for us to feel well rested and energetic the next day, and other stages help us learn or make memories.

In brief, a number of vital tasks carried out during sleep help maintain good health and enable people to function at their best. On the other hand, not getting enough sleep can be dangerous - for example, (18) **you are more likely to be in a car crash** if you drive when you are tired.

How much sleep is enough?

Sleep needs vary from person to person, and (19) **they change throughout the lifecycle**. Most adults need 7-8 hours of sleep each night. Newborns, on the other hand, sleep between 16 and 18 hours a day, and children in preschool sleep between 10 and 12 hours a day. School-aged children and teens need at least 9 hours of sleep a night.

Some people believe (20) **that adults need less sleep as they get older**. But there is no evidence to show that older people can get by with less sleep than younger people. As people age, however, they often get less sleep or they tend to spend less time in the deep, restful stages of sleep.

Why sleep is good for you and skimping on it isn't

Does it really matter if (21) **you get enough sleep**? Absolutely! Not only does the quantity of your sleep matter, but the quality of your sleep is important as well.

Task 5

Read the text below. For questions (22 – 33) choose the correct answer (A, B, C or D). Write your answers on the separate answer sheet.

From the History of Moving Pictures

Many believe that the story first began in America in 1877, when two friends were (22) **arguing** over whether a horse ever had all four feet or hooves off the ground when it galloped. To settle the bet, a photographer was asked to photograph a horse galloping and the bet was settled because you could see that all the hooves were (23) **off** the ground in some of the photos. What was even more interesting was that if the photos were shown in quick succession the horse looked (24) **like** it was running – in other words ‘moving pictures’.

The person who became interested in (25) **taking** the moving pictures to its next step was the famous American inventor Thomas Edison. Actually, he didn't do the work (26) **himself** but rather asked a young Scotsman in his employ to design a system, which he did. Now this young fellow was clever because the first thing he did was study other systems-primitive as they were – of moving pictures and then put all the existing technologies together to make the first entire motion picture system. He (27) **designed** a camera, a projection device and the film. The system was first shown in New York in 1894 and was really very popular. Apparently people (28) **lined up** around the block to see the wonderful new invention. There were, however, a couple of problems with the system. The camera weighed over 200 kilograms and only one person at a time could see the film.

Well now, news of the new system in America (29) **travelled** fast and a number of rival European systems started to appear once people had heard about it. The single problem with all the systems was that they couldn't really (30) **project** the film onto a screen – you know, so more than one person could see it. Then in 1895, three systems were developed, more or less at the same time and independently of each other. I guess

the most famous of these was (31) by the Lumiere Brothers from France, and they called their system the cinematograph which of course is where the word cinema comes from.

Well now, once the problem of projection had been solved, the next (32) challenge for the inventors was to make the films longer and more interesting. A continuing problem at the time was that the films had a (33) tendency to break when they were being played – a problem which was caused by the tension between the two wheels, or ‘reels’ as they are called, which hold the film.

Task 6

Read the texts below. For questions (34 – 45) choose the correct answer (A, B, C or D). Write your answers on the separate answer sheet.

Male Birds Belt out Their Song by Putting a Little Muscle into It

Some male songbirds can sing (34) more notes than females because they have stronger muscles to make the sounds. Some scientists used to think it was all about how well the birds could force air out of their lungs, but new research says it has more to do with muscles in the (35) songbirds' throats.

There's a reason the boy birds are better singers. They have (36) to attract a mate. The more varied their songs, (37) the better it will stand out from other boy birds who are also singing in hopes of finding a mate. Varied songs also are easier to hear over noises, like a rushing stream or the noisy calls of other birds.

Although all birds (38) are born knowing certain calls, songbirds learn how to sing from their parents. That ability is only found in songbirds, humans and a few other mammals like dolphins, whales and bats.

So think about muscles the next time you hear a bird singing. Muscles (39) aren't found just in your arms and legs, or in a bird's wings. They also help us make a variety of sounds.

Why Do Songs Get Stuck in Our Heads?

Having a song, tune, or commercial jingle stuck in one's head is a phenomenon

(40) known as having an earworm. Most people have had an earworm at one time. The experience is harmless and unrelated to both obsessive-compulsive disorder and endomusia, the (41) hearing of music that is not really there. Certain songs – simple, repetitive, or oddly incongruous – have properties that act as mental mosquito bites in that they produce a cognitive "itch." The condition also arises when people struggle (42) to remember forgotten lyrics or how a song ends. To scratch a cognitive itch, the brain repeats the song, which then traps the hapless victim in a repeated cycle of itching and scratching. Everyone has his or her own list of demon tunes that haunt. Earworms occur more often among women, musicians, and individuals who (43) tend to worry. Earworms also vary across situations, striking when people (44) are tired or under stress. How can you make an earworm go away? Thinking of something else or actually listening to the song in question are thought to help, but there is presently no research evidence showing what works best. Fortunately, (45) most episodes eventually dissipate on their own.