

Proves d'accés a la universitat per a més grans de 25 anys

Llengua estrangera Anglès

Sèrie 2

Fase general

Qualificació parcial			TR
Qüestions d'opció múltiple	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
Qualificació			

La suma parcial de les qüestions d'opció múltiple no pot ser inferior a 0 punts.

Qualificació total			TR
Qualificació parcial			
Qüestions	9		
	10		
Suma de notes parcials			
Qualificació final			

Qualificació

Etiqueta del corrector/a

Etiqueta de l'alumne/a

Opció d'accés:

- ☐ A. Arts i humanitats
- ☐ B. Ciències
- ☐ C. Ciències de la salut
- ☐ D. Ciències socials i jurídiques
- ☐ E. Enginyeria i arquitectura



UAB

Universitat Autònoma de Barcelona



FOCUS ON MYOPIA

The percentage of Americans who have nearsightedness—also known as *myopia*—has increased by over 60 % in the past 30 years according to a recent study. Doctors are asking why. Two of the known risk factors are genetics and near-work. *Near-work* is what doctors call things you do close up with your eyes, like reading, watching television, or playing video games.

Scientists have long suspected that near-work was a main cause of problems with eyesight. Johannes Kepler, the 17th century German astronomer, wrote that his vision was bad because he had read so many astronomical tables. And more recently, parents often tell their children that their eyes will be hurt by looking at screens all the time.

In a recent study, scientists were able to relate myopia to the amount of time spent outside during childhood. Children who spent over 14 hours a week in outdoor activity were much less likely to develop myopia. This would seem to support the theory that near-work causes myopia, because the more time kids spend indoors, the more likely they are looking at a screen or reading a book. The details in the study showed, however, that the children who became near-sighted were not doing any more or less near-work than the others. In other words, near-work had no influence at all on their chances of developing myopia.

Now scientists are studying the effects of outdoor light on the way the eye grows. It will take several years, however, before this new study is completed.

Text adapted from an article by Joseph SHAPIRO. *National Public Radio* (online) (January 11, 2010)

Després d'haver llegit el text, responeu a les qüestions seguint les instruccions que es donen en cada cas. Cada qüestió val un punt. En les qüestions d'opció múltiple, es descomptaran 0,33 punts per cada resposta incorrecta; per les qüestions no contestades no hi haurà cap descompte. En les altres qüestions, es descomptaran 0,05 punts per cada falta d'ortografia, de morfologia, de lèxic o de sintaxi. Les faltes repetides només es comptaran una vegada.

Después de leer el texto, responda a las cuestiones siguiendo las instrucciones que se dan en cada caso. Todas las cuestiones valen un punto. En las cuestiones de opción múltiple, se descontarán 0,33 puntos por cada respuesta incorrecta; por las cuestiones no contestadas no habrá ningún descuento. En las demás cuestiones, se descontarán 0,05 puntos por cada falta de ortografía, de morfología, de léxico o de sintaxis. Las faltas repetidas solo se contarán una vez.

Choose the correct answer (1-8).

1. The number of Americans who are nearsighted
 - a) is going up.
 - b) is going down.
 - c) has remained stable for years.
 - d) is unknown.
2. Which of the following is known to be a factor in developing myopia?
 - a) Poor nutrition.
 - b) Too much exposure to the sun.
 - c) Your family's medical background.
 - d) Too much exercise.
3. Which of the following activities is classified as near-work?
 - a) Playing a video game.
 - b) Playing with building blocks.
 - c) Riding a bicycle.
 - d) Eating three meals a day.
4. Which of the following have scientists believed for a long time?
 - a) Myopia is unrelated to the activities you do.
 - b) Myopia is caused by too much close reading.
 - c) Your eyesight is affected by what you eat.
 - d) Kepler lost his vision because he was an astronomer.

5. According to a new study, children have a higher chance of developing myopia
- a) if they spend a lot of time indoors.
 - b) if they spend a lot of time outdoors.
 - c) if they like to play video games.
 - d) if they like to watch television.
6. The results of the recent study reported on in this article show that
- a) too much reading is bad for children.
 - b) genetics is unrelated to the development of your eyes.
 - c) sunlight may be important to the development of your eyes.
 - d) near-work is harmful to the development of your eyes.
7. Which of the following is a synonym for the word *suspected* in the sentence “Scientists have long suspected that near-work was a main cause of problems with eyesight”?
- a) designed
 - b) fainted
 - c) investigated
 - d) thought
8. Which of the following can substitute for the word *however* in the phrase “The details in the study showed, however, that the children who became near-sighted [...]?” Make sure the new phrase retains its original meaning.
- a) also
 - b) by chance
 - c) nevertheless
 - d) since

Please answer the following questions in English. (Please do not copy text but rather answer in your own words; your answers should be between 40 and 60 words in length.)

9. What is different about the recent study on myopia in comparison with what scientists used to believe?
10. Do you think children should play more outside and play fewer video games? Are video games bad for our eyes? What does the study described in the text suggest?

TR	Observacions:
Qualificació:	Etiqueta del revisor/a

Etiqueta de l'alumne/a



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