ACT

American College Test

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Testin İçeriği

Test	Soru Sayısı	Süre	İçerik
İngilizce	75 soru	45 dak	Dilbilgisi ve sözlü iletişim becerilerini ölçer.
Matematik	60 soru	60 dak	Öğrencilerin 12.sınıfa kadar öğrenmiş oldukları standart matematik bilgisini ölçmeyi amaçlar.
Okuma	40 soru	35 dak	Okuma ve anlama becerisini ölçer.
Fen Bilimleri	40 soru	35 dak	Öğrencilerin doğa bilimleri ile ilgili mantık yürütme, çıkarım yapma, analiz etme, değerlendirme yeteneklerini ölçmeyi amaçlar.
Seçmeli Yazma	1 konu	40 dak	Öğrencilerden lise yıllarında öğretilen kompozisyon tekniklerini uygulayarak organize bir yazı yazmaları beklenir.

Test Merkezleri

FULBRIGHT Türkiye

Education USA

Örnek Sorular: İngilizce Bölümü

The Triangular Snowflake

[1]

Snowflakes form from tiny water droplets,[1] following a specific process of chemical bonding as they freeze, which results in a six-sided figure. The rare "triangular" snowflake, similarly,[2] confounded scientists for years because it apparently defied the basic laws of chemistry. [A] The seemingly triangular shape of those snowflakes suggests that forming[3] through a different process of chemical bonding. [B] By re-creating snowflake formation, a discovery has revealed to scientists Kenneth Libbrecht and Hannah Arnold the cause of this apparent variation.[4]

[2]

Snowflakes begin to form when water in the atmosphere freezes it causes[5] the water molecules to bond into a hexagonal shape. During the flake's descent from Earth's upper atmosphere, other water vapor molecules bumps[6] into the hexagonal structure.

1. **A.** NO CHANGE
   B. form, from tiny, water droplets,
   C. form from tiny, water, droplets
   D. form, from tiny water droplets

2. **F.** NO CHANGE
   G. for example,
   H. additionally,
   J. however,

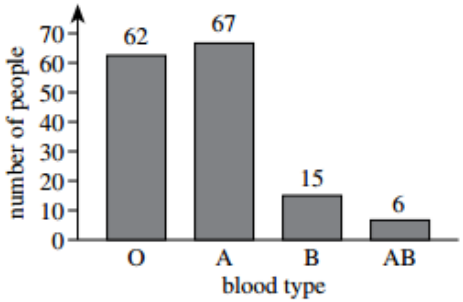
3. **A.** NO CHANGE
   B. the manner in which formation
   C. which had formed
   D. that they form

4. **F.** NO CHANGE
   G. the discovery of the cause of this apparent variation has been made by scientists Kenneth Libbrecht and Hannah Arnold.
   H. scientists Kenneth Libbrecht and Hannah Arnold have discovered the cause of this apparent variation.
   J. the cause of this apparent variation has been discovered by scientists Kenneth Libbrecht and Hannah Arnold.

5. **A.** NO CHANGE
   B. freezes, causing
   C. freezes, it causes
   D. freezes, this causes

Örnek Sorular: Matematik Bölümü

1. The blood types of 150 people were determined for a study as shown in the figure below.



If 1 person from this study is randomly selected, what is the probability that this person has either Type A or Type AB blood?

A. $\frac{62}{150}$

B. $\frac{66}{150}$

C. $\frac{68}{150}$

D. $\frac{73}{150}$

E. $\frac{84}{150}$

4. Given $f = cd^3$, $f = 450$, and $d = 10$, what is c ?

F. 0.45

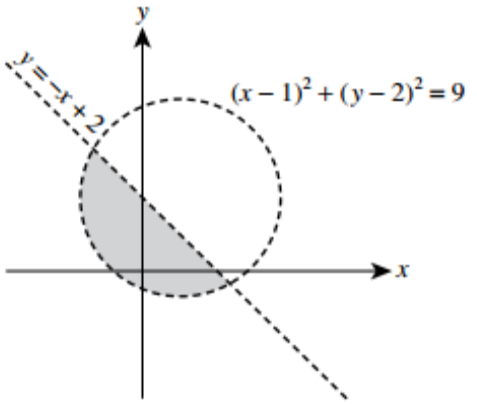
G. 4.5

H. 15

J. 45

K. 150

49. The shaded region in the graph below represents the solution set to which of the following systems of inequalities?



A. $\begin{cases} y < -x + 2 \\ (x-1)^2 + (y-2)^2 < 9 \end{cases}$

B. $\begin{cases} y > -x + 2 \\ (x-1)^2 + (y-2)^2 < 9 \end{cases}$

C. $\begin{cases} y > -x + 2 \\ (x-1)^2 + (y-2)^2 > 9 \end{cases}$

D. $\begin{cases} y < -x + 2 \\ (x-1)^2 + (y-2)^2 > 9 \end{cases}$

E. $\begin{cases} (y-2) < 3 \\ (x-1) > 3 \end{cases}$

Örnek Sorular: Okuma Bölümü

13. In the first paragraph, the author describes the stillness of the Sargasso Sea as the *Cramer* passes through it primarily to emphasize that the stillness:

- **A.** won't last long, for the sea will become rough when the wind rises.
- **B.** makes it easy for a passenger on the *Cramer* to spot oceanic islands that break the water's surface.
- **C.** is in dramatic contrast to the power of what exists on and under the seafloor far below.
- **D.** makes it seem as if the *Cramer*'s wake is dividing the unbroken expanse of water into two.

14. The passage states that compared to Arizona's Grand Canyon, the canyon that lies within the mountains in Atlantic's basin is considerably:

- **F.** deeper.
- **G.** older.
- **H.** wider.
- **J.** longer.

17. The author most strongly implies that people commonly assume the deepest waters of an ocean are:

- **A.** about one thousand miles offshore.
- **B.** at the middle of the ocean.
- **C.** dotted with islands.
- **D.** located in trenches.

18. As it is used in line 19, the phrase *paid out* most nearly means:

- **F.** dispensed.
- **G.** ascertained.
- **H.** suggested.
- **J.** compensated.

Örnek Soru: Fen Bölümü

Passage II

In the fall, monarch butterflies (*Danaus plexippus*) in eastern North America migrate to Mexico, where they overwinter in high-altitude forests of *oyamel fir* (an evergreen conifer). The butterflies store (accumulate) body lipids to use as a source of energy at a later time. Consider the following 3 hypotheses pertaining to when the butterflies store lipids and when the energy from the stored lipids is used, with respect to migration and overwintering.

Hypothesis 1

Monarch butterflies require energy from stored lipids for migration and during the overwintering period. The butterflies first store lipids before they begin their migration. During migration, as stored lipids are converted to energy, lipid mass continuously decreases. When the butterflies reach the overwintering sites, ending their migration, they must store lipids again before beginning the overwintering period.

Hypothesis 2

Monarch butterflies require energy from stored lipids for migration but not during the overwintering period. The butterflies store lipids before they begin their migration. During migration, as stored lipids are converted to energy, lipid mass continuously decreases. Because energy from stored lipids is not required during the overwintering period, the butterflies do not store lipids while at the overwintering sites.

Hypothesis 3

Monarch butterflies require energy from stored lipids during the overwintering period but not for migration. The butterflies do not store lipids before they begin their migration. Instead, lipids are stored during migration; therefore, lipid mass continuously increases from the beginning of migration until the end of migration. The butterflies arrive at the overwintering sites with enough lipids to provide themselves with energy during the overwintering period, so they do not store lipids while at the overwintering sites.

8. Which hypothesis, if any, asserts that monarch butterflies store lipids during 2 distinct periods?

F. Hypothesis 1
G. Hypothesis 2
H. Hypothesis 3
J. None of the hypotheses

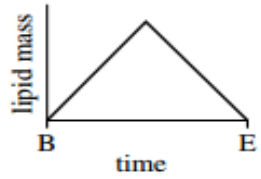
9. Which hypothesis, if any, asserts that monarch butterflies require energy from stored lipids neither for migration nor during the overwintering period?

A. Hypothesis 1
B. Hypothesis 2
C. Hypothesis 3
D. None of the hypotheses

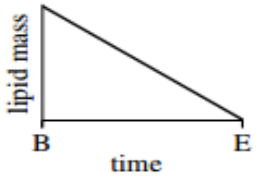
10. Based on Hypothesis 3, which of the following figures best depicts the change in the lipid mass of a monarch butterfly from the beginning of migration to the end of migration?

(Note: In each figure, B represents the beginning of migration and E represents the end of migration.)

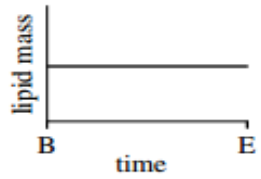
F.



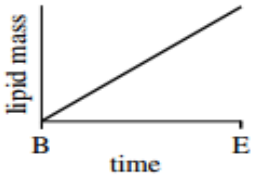
H.



G.



J.



Sınav Ücretleri

- Test ücreti yazma bölümü olmadan : 168.5 Dolar
- Yazma bölümü ile birlikte : 188.50 Dolar
- Geç kayıt ücreti: 36.00 Dolar

- Geçerlilik: 5 yıl

Test Günü Değiştirme veya Testin İptali

- **Test merkezi değiştirme:** 40 Dolar
- (Değiştireceğiniz test merkezinde yer olması gereklidir.)
- **Test gününü değiştirme:** 40 Dolar
- Test merkezi ya da tarihi değiştirmek isteyen adaylar bunu geç kayıt tarihinden önce yapmalıdırlar. Aksi taktirde sınav için baştan kayıt olmak durumunda kalırlar ve bu durumda test ücreti iade edilmez.
- **Testin iptali:** Test ücreti ve diğer ücretler geri alınamaz.

Paranızı geri alabileceğiniz hizmetler için : http://www.actstudent.org/faq/cxl.html

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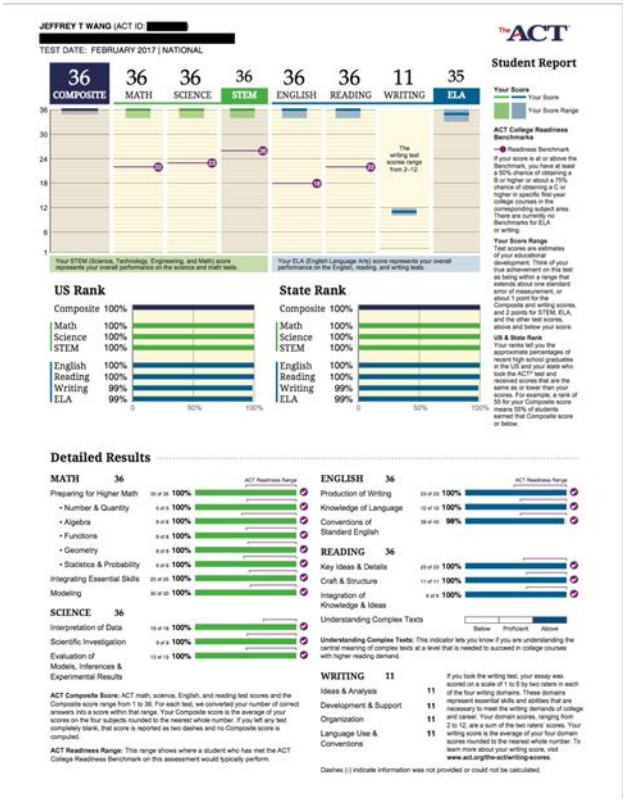
Sonuçları Öğrenme ve Gönderme

- **Online sistem:** 2 hafta sonra
- **Gönderilmesi:** Seçtiğiniz okul ve kurumlara göre ve sonuç gönderim işlemi yaptığınız tarihe göre değişir.
- Yazılı bölüm sonuç raporu: Test gününden sonra 2-3 hafta içinde
- Sonuçlar size, okulunuza ve de kayıt sırasında seçtiğiniz 4 üniversiteye ücretsiz gönderilir.
- **Ek Sonuç Raporu Gönderme Ücreti:** 16 Dolar



Sınava Hazırlık

Ücretli veya ücretsiz önerilen sınav materyalleri için
http://www.actstudent.org/testprep/

Kompozisyon yeteneğini geliştirmek isteyen adaylar için
http://www.actstudent.org/writing/sample/
http://www.actstudent.org/writing/build.html