

084 BG-112 Origin of Species & Evolution 종의 기원 & 진화

다음 글의 요지로 가장 적절한 것을 고르시오.

Fear of snakes is one of the most common phobias, yet many people have never seen a snake in person. So how is this fear generated? New research suggests humans have evolved an innate tendency to sense snakes and to learn to fear them. Psychologists found that both adults and children could detect images of snakes among a variety of nonthreatening objects more quickly than they could pinpoint frogs, flowers or caterpillars. The researchers think this ability helped humans survive in the wild. The idea is that throughout evolutionary history, humans that learned quickly to fear snakes would have been at an advantage to survive and reproduce. Humans who detected the presence of snakes very quickly would have been more likely to pass on their genes.

- ① 뱀을 두려워하는 것은 경험을 통한 학습의 결과이다
- ② 뱀에 대한 두려움은 인간의 생존에 도움이 되었다.
- ③ 뱀은 인간이 두려워하는 것만큼 그렇게 해롭지는 않다.
- ④ 뱀에 대한 공포심은 다른 어떤 공포심보다 더 강하다.
- ⑤ 사람들이 두려워하는 것은 뱀의 독이 아니라 뱀의 형상이다.

085 BG-118 Fight of Flight 투쟁-도피 반응 / 싸울거냐 도망가거나 (원시반응)

다음 글의 빈칸 (A), (B)에 들어갈 말로 가장 적절한 것은?

If we have ever faced a stressful situation, we know what it's like to feel the fight-or-flight response. Our blood pressure increases, and more blood sugar and oxygen are pumped through our body to keep us alert. This response was essential to our survival in a primitive world. It helped us run faster to get away from animals chasing us. _____ (A) _____, now we don't often face many life-threatening situations that require us to "fight or fly" anymore. Whereas in the distant past we might have used up the stress hormones by fighting or running, many of us now work in office environments, with elevated amounts of stress hormones coursing through our bodies. _____ (B) _____, our fight-or-flight response system that helped us survive during the Stone Age now slowly kills us during the information age.

(A)

- ① However
- ② Likewise
- ③ However
- ④ Likewise
- ⑤ As a result

(B)

- In other words
- On the other hand
- In the same way
- In other words
- On the other hand

088 BG-92 Antibiotic Resistance 항생제 내성

다음 글의 빈칸에 들어갈 말로 가장 적절한 것을 고르시오.

Why do insects become resistant to a particular pesticide?
In any population of plants and insects there will always be that rare individual which survives exposure to a toxic agent. For example, if the pesticide works by blocking a specific enzyme, then it might be that this one individual has a slightly different arrangement of atoms around the enzyme's active site, and this prevents the toxin from gaining access. That being so, then its descendants will also have that _____ and within a few years a significant population of resistant insects will defeat the efforts of the farmer to kill them off. However, the resistant gene has to be fit for purpose, or it will fail to spread among the population. More worrying is that the resistant gene not only blocks this particular pesticide but may block other pesticides as well.

*enzyme 효소 **toxin 독소

- ① be less harsh in their judgment towards us
- ② extract more information from what we have left
- ③ figure out a rational way to organize billions of people
- ④ spend less time in front of television and computer screens
- ⑤ shy away from personal involvement of real-time interaction

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다음 글의 빈칸에 들어갈 말로 가장 적절한 것은?

It is not surprising that most mutations, which are caused by sudden alterations of specific genes, are harmful or even fatal. Every once in a while, however, a chance mutation gives an organism a certain advantage over other individuals. Webbed toes, for example, allow for more efficient swimming. Similarly, thicker coats allow for survival in cooler temperatures. According to evolutionary theory, this advantage encourages the survival of an organism. The trait is then passed on to its offspring. These offspring are more likely to survive and produce more advantaged offspring. Thus, through mutations, a species can develop characteristics which allow it to _____.

- ① alter inferior genes from its ancestors
- ② live harmoniously with other creatures
- ③ better compete in different environments
- ④ get accustomed to changes in its body
- ⑤ settle down in the most favorable place

090 BG-2 Bias 편견

(A), (B), (C)의 각 괄호 안에서 문맥에 맞는 낱말로 가장 적절한 것은?

People often judge others at first sight using stereotypes based on the characteristics of clothing, appearance, or behavior. Even before getting to know anything about a person, an observer may mentally (A) [assign / resign] him or her to a particular category. This categorization process serves to quickly give the observer a rough idea of what might be expected from the new person. However, these kinds of (B) [deceptions / prejudices] are highly stable. If the person shows unexpected behavior, it may be ascribed to other causes: for instance, if John is convinced that Anna is especially intelligent, he may blame her poor exam performance on unfair testing methods, rather than (C) [addressing / adjusting] his original view.

- | (A) | (B) | (C) |
|----------|------------|------------|
| ① assign | deceptions | addressing |
| ② assign | prejudices | addressing |
| ③ assign | prejudices | adjusting |
| ④ resign | deceptions | addressing |
| ⑤ resign | prejudices | adjusting |

091 BG-91 Whole Food 유기농법으로 재배된 무첨가 식품

다음 글의 내용을 한 문장으로 요약하고자 한다. 빈칸 (A)와 (B)에 들어갈 말로 가장 적절한 것은?

Organic food production is growing by leaps and bounds now. Many consumers are willing to pay premium prices for organic foods, convinced that they are helping the earth and eating healthier. However, organic farming has some drawbacks. One of the most frequent criticisms is that the crop yields of organic farms are much lower than those of conventional farms. That's because organic fields suffer more from weeds and insects than traditional fields. Another argument often offered by experts is that organic farming can supply food for niche markets of affluent consumers but cannot feed billions of hungry people around the globe. Only judicious use of chemical inputs, not the costly organic methods, could help boost food production significantly in the countries facing hunger.



Organic agriculture is not as _____ (A) _____, as conventional farming and also cannot serve as the solution to world _____ (B) _____.

- | (A) | (B) |
|---------------|------------|
| ① inexpensive | poverty |
| ② productive | starvation |
| ③ profitable | inequality |
| ④ safe | recession |
| ⑤ effective | pollution |

092 BG-45 Happy Life of Socrates 소크라테스의 행복한 삶

다음 글의 빈칸 (A), (B)에 들어갈 말로 가장 적절한 것은?

The traditional model of the American Dream was based on the idea that having more things made you happy. According to this older model, the harder you worked, the more money you earned and the more new cars, clothes, computers, etc., you could buy. _____ (A) _____, a lot of people today are turning away from this model. They feel the need to find a better balance between work and free time. For these people it is more important to have quality time to spend with family and friends. They have realized that by adjusting their ideas about consumption, they can have a better way of life. _____ (B) _____, they refuse to be slaves to fashion, larger houses, and the latest household appliances.

- | (A) | (B) |
|---------------|----------------|
| ① In addition | In other words |
| ② Similarly | Consequently |
| ③ However | Nevertheless |
| ④ In addition | Consequently |
| ⑤ However | In other words |

093 BG-112 Origin of Species & Evolution 종의 기원 & 진화

다음 글의 내용을 한 문장으로 요약하고자 한다. 빈칸 (A)와 (B)에 들어갈 말로 가장 적절한 것은?

Humans are very complex animals. An inseparable mixture of evolutionary psychology, culture and ethnicity, various beliefs, and personal interests and traits determines what humans find attractive. Yet, deep down, the genes' desire to reproduce is still one of the powerful forces within the human mind. In the search for a healthy, fertile mate, our minds are programmed no differently from those of our Stone Age ancestors. Beauty may be in the eye of the beholder, but as David Buss put it, "Those eyes and the minds behind the eyes have been shaped by millions of years of human evolution."



The humans' sense of what is _____ (A) _____ is basically connected with desires for _____ (B) _____.

- | (A) | (B) |
|--------------|------------------------|
| ① healthy | finding shelter |
| ② attractive | ruling others |
| ③ civilized | preserving the species |
| ④ healthy | ruling others |
| ⑤ attractive | preserving the species |

094 BG-96 Neuroplasticity, Brain Plasticity 뇌가소성

다음 빈칸에 들어갈 말로 가장 적절한 것을 고르시오.

The ability of the brain to be modulated by experience is called neuroplasticity. The degree of neuroplasticity will vary depending upon the brain region and the stage of development. This gives rise to the idea that there are critical periods during which experience is necessary to _____. One of the best examples comes from vision. If a baby has an eye closed with a bandage and the bandage stays on for a long time, then that baby can be blinded in that eye for life. The same bandage applied to the eye of an adult will cause no lasting problem. The reason for the blindness is not that the eye has ceased to function but rather that the information from that eye was not present to help retain the appropriate connections in the brain during the critical period for vision.

*modulate (구조/기능적으로) 조절하다

- ① expand the knowledge base appropriately
- ② improve sensory functions in adults
- ③ properly shape neural circuits for certain functions
- ④ prevent vision loss caused mainly by eye diseases
- ⑤ define the borders of the brain regions clearly

095 BG-69 Social Facilitation 사회촉진현상

다음 글의 요지로 가장 적절한 것을 고르시오.

When an ant builds a nest on her own, she does so with little enthusiasm. She moves as though tired of life and bored with the whole business of excavating earth. However, give the ant co-workers. She is suddenly transformed into a dynamo or a workaholic. Four decades before S. C. Chen reported these ant findings in 1937, the psychologist Norman Triplett had already noticed much the same behavior in cyclists. Analysing the results of many races, he found that cyclists with a pacemaker covered each mile about 5 seconds quicker than those without. He suspected it was more than just the purely physical effect behind another cyclist and that effect was also psychological - something to do with the mere presence of other people.

- ① 개미의 생활 방식은 인간과 유사한 면이 많다.
- ② 인간은 개미와 달리 독립적인 삶을 중요시 한다.
- ③ 인간은 개미의 삶을 통하여 지혜를 얻을 수 있다.
- ④ 심리적인 안정은 선수들의 경기력 향상에 중요하다.
- ⑤ 개미와 인간에게 동료는 심리적 자극제의 역할을 한다.

096 BG-49 Midwives 소크라테스의 산파술

다음 빈칸 (A), (B)에 들어갈 말로 가장 적절한 것은?

The essential nature of Socrates' art lay in the fact that he did not appear to want to instruct people. ____ (A) ____, he gave the impression of one desiring to learn from those he spoke with. So instead of lecturing like a traditional schoolmaster, he discussed. He just asked questions as if he knew nothing. In the course of the discussion he would generally get his opponents to recognize the weakness of their arguments, and they would finally be obliged to realize what was right and what was wrong. Socrates, whose mother was a midwife, used to say that his art was like the art of the midwife. She did not herself give birth to the child, but she was there to help during its delivery. ____ (B) ____, Socrates saw his task as helping people to 'give birth' to the correct insight, since real understanding must come from within.

- | (A) | (B) |
|-------------------|--------------|
| ① On the contrary | Instead |
| ② On the contrary | Similarly |
| ③ Besides | Similarly |
| ④ Besides | Consequently |
| ⑤ Similarly | Instead |

097 BG-132 Self-Image Vs. Poor Self-Image
자아상 Vs. 부정적 자아상

다음 글의 빈칸에 들어갈 말로 가장 적절한 것을 고르시오.

William James said in his famous book The Principles of Psychology, "No harsher punishment could be devised than that one should remain absolutely unnoticed by all the members of the society he belongs to. If no one turned around when we entered the room, answered when we asked, or minded what we did, but if every person we met acted as if we were non-existent things, a kind of despair would soon well up in us." The attentions of others matter to us because we by ourselves are uncertain about our own value. As a result, we tend to allow the judgement of others to play a determining role in how we see ourselves. Our sense of identity is _____. If they praise us, we develop a positive image of ourselves, but if they criticize us, we may fall into feelings of self-doubt.

- ① shaped by our body characteristics
- ② changed during the passage of time
- ③ dependent on how others view us
- ④ tied up with our memory of childhood
- ⑤ formed by the responsibility placed upon us

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BG-94 Neuron & Synapse & Cerebral Cortex
뉴런(신경세포) & 시냅스 & 대뇌피질(담당영역)

다음 글의 제목으로 가장 적절한 것을 고르시오.

Looking through a photo album with your parents, and after describing a memory, have you ever heard one of your parents reply, "That's not how it happened"? How can two people, who were at the same place at the same time, have two different memories of the same event? One of the reasons has to do with personality. When two people experience the same event, each person remembers only the parts that are the most important to him or her. Besides, the brain doesn't store memories as an exact copy of an event. Instead, it scatters pieces of the memory throughout the cortex - the wavy outer layer of the brain. Each time a person accesses a memory, the brain has to arrange those that fit into proper context. In this process, facts gets added, twisted or lost.

- ① What a Wonderful Memory!
- ② How to Memorize Events Exactly
- ③ Mystery of Our Complex Brains
- ④ Why People Have Different Memories
- ⑤ Improving the Persistence of Our Memories

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BG-129 Cognitive Dissonance 인지부조화

다음 글의 내용을 한 문장으로 요약하고자 한다. 빈칸 (A)와 (B)에 들어갈 말로 가장 적절한 것은?

A researcher tested in his experiment how individuals respond to certain words when they were provided with the names of certain categories. In this study he used two groups of subjects. He told the first group that they would be presented with words related to animals. But at the time of presenting the words, instead of words related to animals some combination of letters that did not give any meaning was shown on the screen. They read sael as seal, wharl as whale, and dack as duck. The second group was told that they would be shown some words related to boats. They saw sael as sail, wharl as wharf, and dack as deck.



_____ (A) _____ can serve as a determining factor in our _____ (B) _____.

- | (A) | (B) |
|----------------|-------------|
| ① Expectations | efforts |
| ② Expectations | perception |
| ③ Vocabulary | perception |
| ④ Vocabulary | association |
| ⑤ Combinations | association |