

銘傳大學八十八學年度學士後職前學分班招生考試

第二節

英文 試題

I. VOCABULARY :CHOOSE THE BEST ANSWER 40%
TO FIT THE MEANING OF THE UNDERLINED
WORD

1. Solar energy is generated as protons fuse to form helium atoms.
A. bred B. conceived C. developed D. produced
2. Alaska is a State with rich natural resources but its climate and isolation have kept it undeveloped.
A. belongings B. effects C. possessions D. materials
3. Yellowstone National Park in Wyoming contains the world's largest concentration of hot springs and geysers.
A. collection B. assembly C. convergence D. accumulation
4. The young Einstein was brilliant, a prodigy in physics and math and an accomplished violinist.
A. a well-known B. a skilled C. a handy D. a practiced
5. Recently, there has been an explosion in the population of yellowjackets, which are really a kind of stinging wasp.
A. Actually B. Presently C. Lately D. Lastly
6. In 1850 California, the Golden State, was admitted to the Union.
A. enrolled in B. received with C. absorbed by D. enlisted in
7. Salmon have been known to leap up waterfalls as high as eleven feet in their journey to the places where they spawn.
A. run B. jump C. wiggle D. slither
8. Most traditional folk songs are of anonymous origin.
A. unknown B. insignificant C. unusual D. inconspicuous
9. The land crab, a forest-floor scavenger native to tropical America, migrates to the water to breed.
A. swim B. mate C. die D. hatch
10. Asparagus grows best in rich, loose soil.
A. costly B. dark C. fertile D. moist

11. Attempts to transfuse human blood were first reported in the seventeenth century.
A. Temptations B. Battles C. Efforts D. Laboratories
12. Satellites that orbit the globe transmit detailed pictures of cloud cover.
A. photograph B. decorate C. circle D. leave
13. For children, playing is an automatic and integral component of growing up.
A. part B. decision C. result D. reminder
14. Passenger ships and aircraft are often equipped with ship-to-shore or air-to-land radio telephones.
A. highways B. planes C. railroads D. sailboats
15. Too much calcium can hinder a child's growth.
A. reverse B. mask C. retard D. monitor
16. It has taken many years to adopt internationally recognized standards for licensing of airplane pilots.
A. criteria B. data C. committees D. flags
17. Library patrons can either hunt through the card files or to the librarian if they have inquiries related to book listings.
A. review B. questions C. information D. late
18. Included in the responsibilities of public schools is the socialization of the school-age population.
A. intentions B. agendas C. duties D. ideas
19. The disappearance of lichens from an area gives warning of an endangered environment.
A. an unusual B. an infertile C. a crowded D. a threatened
20. Labor unions in the world have battled for shorter hours, higher pay, and better medical benefits.
A. pleaded B. united C. voted D. fought

II. FILL IN EACH BLANK WITH THE PROPER FORM OF THE VERB IN PARENTHESES()20%

1. To study English well _____(require) practice and patience.
2. Some of my friends got _____(mix) up in directions yesterday.
3. There's no use _____(cry) over spilled milk.
4. She seems _____(interest) in this story book.
5. Children should be seen and not _____(hear).
6. Many factory workers are in danger of _____(lose) their jobs.

7. He got a ticket for _____(drive) without a seat belt.
8. He showed me a letter _____(write) by himself.
9. It is hard to get used to _____(live) in a new country.
10. An illegal alien risks _____(get) caught.

III. READING COMPREHENSION (20%)

Cerro Prieto, twenty miles south of the United States border, is a large geothermal energy field likely to produce 1,000 megawatts of electricity annually by the early 1990's. The will be well above its initial 1973 capacity of 75 megawatts, which was doubled in 1979, with a further 30 megawatts added two years later to bring it up to its present capacity. However, in addition to the primary purpose of producing electricity, scientists at Cerro Prieto have developed several other uses for the geothermal heat and fluid, including some in aquaculture and hydroponics. In relation to the former, crayfish are raised in water kept at about 85°F. They feed on the minute crustaceans and algae occurring naturally in the geothermal fluid while special strains of bacteria have been introduced to clean the water along with small local crayfish that absorb salts harmful to the commercial variety. This variety's metabolism is speeded up by the controlled environment, which reduces growing time. The salt-rich geothermal fluid also produces striking results through the use of hydroponics, with yields of crops such as tomatoes and cucumbers as much as 300 per cent higher than in normal soil. Meanwhile, a ten-meter-long enclosed shed produces half a ton of barley grass per day, the grass reaching a height of five inches in only seven days from seed.

1. Cerro Prieto is
 - A. in the South of the United States.
 - B. not very large.
 - C. in a field.
 - D. not in the United States.

2. What was the generating capacity of the Cerro Prieto field in 1980 ?
 - A. 75 megawatts
 - B. 105 megawatts
 - C. 150 megawatts
 - D. 180 megawatts

3. By how much was the field's capacity expected to expand between the time of writing and the early 1990's ?
- A. 820 megawatts
 - B. 700 megawatts
 - C. 250 megawatts
 - D. 100 megawatts
4. The passage implies that
- A. the field's generating capacity doubles every six years.
 - B. the field originally began producing in 1973.
 - C. engineers had to look further afield to find another 30 megawatts.
 - D. the latest addition to capacity was two years behind schedule.
5. According to the passage, which of the following is true ?
- A. The scientists have designed special food for the crayfish.
 - B. Scientists at Cerro Prieto are more interested in hydroponics than in generating electricity.
 - C. Commercial crayfish react badly to salts in the geothermal fluid.
 - D. Crayfish feed on special types of bacteria.
6. It can be inferred from the passage that
- A. the local crayfish and the "commercial" crayfish live in different natural environment.
 - B. "commercial" crayfish have reduced growth in a controlled environment.
 - C. "commercial" crayfish raise the water temperature to 85°F
 - D. The bacteria alluded to occur naturally in the geothermal fluid.
7. Scientists control the commercial crayfish's environment in order to
- A. produce special bacteria.
 - B. reduce their growth.
 - C. shorten their growth time.
 - D. produce smaller, local crayfish.
8. The passage says that, compared with what is normal, the use of hydroponics at Cerro Prieto produces
- A. more tomatoes and cucumbers.
 - B. higher tomatoes and cucumbers.
 - C. larger tomatoes and cucumbers.

D. comparable tomatoes and cucumbers.

9. The barley grass mentioned in the passage

- A. grows up to ten meters high.
- B. has half a ton of barley mixed with it.
- C. grows about 3/4 inch per day.
- D. is grow in a fenced-off field.

10. What is the best title for the passage?

- A. Cerro Prieto :Increased Generating Capacity for the Nineties
- B. Geothermal Energy's Surprising Bonuses
- C. The Hydroponics Revolution
- D. Geothermal Energy :Electricity from the Earth

IV. COMPOSITION :Write a composition of about 100 words on the following topic. 20%

“How to be an ideal teacher”

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