

國立暨南國際大學九十二學年度轉學生入學考試試題

第 4 節英文適用：(外文系三 62E 歷史系三 64E 國企系三 71E)

(本試題共 7 頁，第 / 頁)

考生注意：1. 依次序作答，只要標明題號，不必抄題。
2. 答案必須寫在答案卷上，否則不予計分，並限以藍黑色筆作答。
3. 試題隨卷繳回。(欲請詳閱試場規則)

說明：一、本試題紙上請勿作答，答案一律寫在試卷上。

二、本試題紙與試卷一併繳回。

三、禁止使用任何型式之字典。

I. Vocabulary (20%)

1. The upside-down catfish is the only fish that habitually swims on its back.
(A) rhythmically (B) intermittently (C) customarily (D) casually
2. Since the opening of the St. Lawrence Seaway in 1959 made Milwaukee a major port, both its population and area have increased greatly.
(A) popularity (B) accessibility (C) number of residents (D) level of culture
3. The grasshopper is an insect that can leap about twenty times the length of its own body.
(A) jump (B) see (C) hear (D) call
4. In violin making, the choice of the wood is crucial.
(A) grain (B) selection (C) resonance (D) shape
5. Most sound vibrations arrive at the eardrum by way of the auditory canal.
(A) search for (B) reach (C) tickle (D) whisper to
6. Sequoya, a Native American who was born about 1770, formed an alphabet of eighty-six letters that enabled him to put the oral Cherokee language into writing.
(A) secret (B) complex (C) spoken (D) ancient
7. As photographic techniques have become more sophisticated, the scope of their application has expanded enormously.
(A) diversely (B) flagrantly (C) appealingly (D) tremendously
8. A goal of modern dance often is to express the dancer's innermost feelings and emotions.
(A) slightest (B) rarest (C) most personal (D) most difficult
9. A cup of whole milk provides roughly one hundred sixty-six calories of energy.
(A) discreetly (B) approximately (C) barely (D) coarsely
10. Once started, a chain reaction sustains itself without further outside influence.
(A) endless (B) measurable (C) interruptive (D) additional
11. Honey guides, or indicator birds, collaborate with honey badgers in seeking out bee colonies.
(A) work together (B) travel north (C) live (D) compete
12. During the 1800's and early 1900's new academic disciplines such as chemistry and physics made great headway.
(A) sacrifice (B) forefront (C) preconceptions (D) progress

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(本試題共 7 頁，第 2 頁)

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3. 試題隨卷繳回。(登時詳閱試場規則)

13. In swimming, a more exact coordination of muscles is required than in other sports.
(A) a swifter (B) a more precise (C) a ~~more~~ automatic (D) an easier
14. Soot sticks to anything it touches.
(A) points to (B) blackens (C) ~~clings to~~ (D) streaks
15. For most allergies, the best treatment is elimination of the bothersome substances from the sensitive person's environment.
(A) unnatural (B) dangerous (C) irritating (D) surrounding
16. Glaciers terminate where the rate of ice loss is equivalent to the forward advance of the glacier.
(A) stop (B) turn (C) crack (D) ~~rotate~~
17. Sharpshooter Annie Oakley performed astonishing feats of marksmanship as the star of Buffalo Bill's Wild West Show beginning in 1885.
(A) astute (B) astounding (C) archaic (D) articulate
18. Because it withstands the effects of high temperatures, rhenium is a valuable ingredient in certain alloys.
(A) discharges (B) reduces (C) resists (D) withholds
19. The bleaching of laundry by sunlight is at least partly a photochemical process.
(A) airing (B) drying (C) whitening (D) scrubbing
20. The stories of Sarah Orne Jewett are considered by many to be more authentically regional than those of Bret Harte.
(A) blatantly (B) genuinely (C) ~~intentionally~~ (D) thoroughly

II. Structure and Written Expression (60 %)

A. Structure (30%)

1. Simple photographic lenses cannot _____ sharp, undistorted images over a wide field.
(A) to form (B) are formed (C) forming (D) form
2. Of all the factors affecting agricultural yields, weather is the one _____ the most.
(A) it influences farmers (B) that influences farmers (C) farmers that it influences (D) why farmers influence it
3. Beverly Sills, _____, assumed directorship of the New York City Opera in 1979.
(A) be a star soprano (B) was a star soprano (C) a star soprano and (D) a star soprano
4. _____ of tissues is known as histology.
(A) Studying scientific (B) The scientific study (C) To study scientifically (D) That is scientific studying
5. With the exception of mercury, _____ at standard temperature and pressure.
(A) the metallic elements are solid (B) which is a solid metallic element (C) metallic

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(本試題共 7 頁，第 3 頁)

考生注意：1. 依次序作答，只要標明題號，不必抄題。
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3. 試題隨卷繳回。(錄請詳閱試場規則)

elements being solid (D) since the metallic elements are solid.

6. Potential dehydration is _____ that a land animal faces.

(A) the often greatest hazard (B) the greatest often hazard (C) often the greatest hazard (D) often the hazard greatest

7. By tracking the eye of a hurricane, forecasters can determine the speed at which _____.

(A) is a storm moving (B) a storm is moving (C) is moving a storm (D) a moving storm

8. *The Grapes of Wrath*, a novel about the Depression years of the 1930's, is one of John Steinbeck's _____ books.

(A) most famous (B) the most famous (C) are most famous (D) and most famous

9. Technology will play a key role in _____ future life-styles.

(A) to shape (B) shaping (C) shape of (D) shaped

10. The computer has dramatically affected _____ photographic lenses are constructed.

(A) is the way (B) that the way (C) which way do (D) the way

11. The early railroads were _____ the existing arteries of transportation: roads, turnpikes, canals, and other waterways.

(A) those short lines connected (B) short lines that connected (C) connected by short lines (D) short connecting lines

12. _____ as a masterpiece, a work of art must transcend the ideals of the period in which it was created.

(A) Ranks (B) The ranking (C) To be ranked (D) For being ranked

13. Jackie Robinson, _____ to play baseball in the major leagues, joined the Brooklyn Dodgers in 1947.

(A) the Black American who first (B) the first Black American (C) was the first Black American (D) the first and a Black American who

14. During the flood of 1927, the Red Cross, _____ out of emergency headquarters in Mississippi, set up temporary shelters for the homeless.

(A) operates (B) is operating (C) has operated (D) operating

15. In bacteria and in other organisms, _____ is the nucleic acid DNA that provides the genetic information.

(A) both (B) which (C) and (D) it

B. Written Expression (30%) 請挑錯(勿改正)。

1. Twenty to thirty year after a mature forest is cleared away, a nearly impenetrable thicket of trees and shrubs develops.

A

B

C

D

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(本試題共 7 頁，第 4 頁)

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3. 試題隨卷繳回。(詳閱試場規則)

2. The first national park in world, Yellowstone National Park, was established in 1872.
A B C D
3. Because it does not have a blood supply, the cornea takes their oxygen directly from the air.
A B C D
4. Magnificent mountains and coastal scenery is British Columbia's chief tourist attractions.
A B C D
5. Scientists at universities are often more involved in theoretical research than in practically research.
A B C D
6. John Rosamond Johnson he composed numerous songs, including *Left Every Voice and Sing*, for which his brother, James Weldon Johnson, wrote the words.
A B C D
7. Nylon, a synthetic done from a combination of water, air, and a by-product of coal, was first introduced in 1938.
A B C D
8. Ornithology, the study of birds, is one of the major scientific fields in which amateurs play a role in accumulating, researching, and publish data.
A B C D
9. Animation is a technique for creativity the illusion of life in inanimate things.
A B C D
10. The nonviolent protest advocated by Dr. Martin Luther King, Jr., proving highly effective in an age of expanding television news coverage.
A B C D
11. On December 7, 1787, Delaware became a first state to ratify the Constitution.
A B C D
12. Nutritionists believe what diet affects how one feels physically and emotionally.
A B C D
13. Mealii Kalama, creator of over 400 Hawaiian quilts, was granted a National Heritage Fellowship in 1985 for herself contributions to folk art.
A B C D

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(本試題共 7 頁，第 5 頁)

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3. 試題隨卷繳回。(除詳閱試場規則)

14. A jetty serves to define and deepen a channel, improve navigate, or protect a harbor.

A

B

C

D

15. Minoru Yamasaki is an American architect which works departed from the austerity

A

B

frequently associated with architecture in the United States after the Second World War.

C

D

III. Reading Comprehension (20%)

A. Questions 1-10 (10%)

The agricultural revolution in the nineteenth century involved two things: the invention of labor-saving machinery and the development of scientific agriculture. Labor-saving machinery naturally appeared first where labor was scarce. "In Europe," said Thomas Jefferson, "the object is to make the most of their land, labor being abundant; here it is to make the most of our labor, land being abundant." It was in the United States, therefore, that the great advances in nineteenth-century agricultural machinery first came.

(5)

At the opening of the century, with the exception of a crude plow, farmers could have carried practically all of the existing agricultural implements on their backs; by 1860, most of the machinery in use today had been designed in an early form. The most

(10)

important of the early inventions was the iron plow. As early as 1790 Charles Newbold of New Jersey had been working on the idea of a cast-iron plow and spent his entire fortune in introducing his invention. The farmers, however, were not interested in it, claiming that the iron poisoned the soil and made the weeds grow. Nevertheless, many people devoted their attention to the plow, until in 1869 James Oliver of South Bend, Indiana, turned out the first chilled-steel plow.

1. What is the main topic of the passage?

(A) The need for agricultural advances to help feed a growing population (B) The development of safer machines demanded by the labor movement (C) Machinery that contributed to the agricultural revolution (D) New Jersey as a leader in the agricultural revolution

2. The word "naturally" in line 3 is closest in meaning to

(A) unsurprisingly (B) gradually (C) apparently (D) safely

3. The expression "make the most of" in line 4 is closest in meaning to

(A) get the best yield from (B) raise the price of (C) exaggerate the worth of (D) earn a

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3. 試題隨卷繳回。(餘詳詳閱試場規則)

living on

4. Which of the following can be inferred from what Thomas Jefferson said (lines 3-5)?
 (A) Europe was changing more quickly than the United States. (B) Europe had greater need of arm machinery than the United States did. (C) The United States was finally running out of good farmland. (D) There was a shortage of workers on United States farms.
5. The word "here" in line 4 refers to
 (A) Europe (B) United States (C) New Jersey (D) Indiana
6. What point is the author making by stating that farmers could carry nearly all their tools on their backs?
 (A) Farmers had few tools before the agricultural revolution. (B) People in the United States were traditionally self-reliant. (C) Life on the farm was extremely difficult. (D) New tools were designed to be portable.
7. When was the iron plow invented?
 (A) In 1790 (B) In the early 1800's (C) In 1869 (D) In the early 1900's
8. According to the passage, which of the following statements about Charles Newbold is true?
 (A) He was James Oliver's assistant. (B) He was born in Europe. (C) He was opposed to scientific agriculture. (D) He spent his own money to promote his invention.
9. The word "it" in line 12 refers to
 (A) scientific agriculture (B) James Oliver's invention (C) the cast-iron plow (D) Charles Newbold's fortune
10. Why did farmers reject Newbold's plow?
 (A) Their horses were frightened by it. (B) They preferred lighter tools. (C) It was too expensive. (D) They thought it would ruin the land.

B. Questions 11-20 (10%)

According to some scientists, migratory birds should be able to withstand the winter. A bird's feathery coat is good insulation against the cold. Because a bird is warm-blooded, its body temperature always remains constant, even if the temperature of its surroundings changes.

- (5) The factors that trigger migratory behavior in birds are difficult to explain. This behavior seems to be instinctive, not learned. For example, many northern species leave their summer homes while the weather is still warm and the food supply plentiful. Young arctic terns born at the arctic breeding grounds will take off with the flock for distant lands they have never seen.

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(本試題共 7 頁，第 7 頁)

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- (10) Bird migrations are probably regulated by the glandular system. Scientists suspect that the changing length of the day is the factor that triggers migratory behavior. In an experiment, migratory birds were kept in artificially lighted rooms. It was found that if periods of darkness were lengthened proportionately, the glands of the birds became active. These glands secrete hormones, which are chemicals that control numerous body functions. Shorter periods of daylight seem to change the hormone balance of birds, so that they retain more fat. This stored fat is the fuel that provides the energy for a long flight. The same experiment revealed that the birds became more excited as the artificial night was lengthened. It is probably no coincidence that most flocks begin their migratory flights during the night.
11. What does the passage mainly discuss?
(A) Common migratory paths for birds (B) Why birds migrate (C) Species of birds that do not migrate (D) Migration in cold climates
12. The word "withstand" in line 1 is closest in meaning to
(A) prefer (B) tolerate (C) regulate (D) understand
13. According to the passage, which of the following protects birds against cold weather?
(A) Glands (B) Hormones (C) Feathers (D) Artificial light
14. The word "constant" in line 3 is closest in meaning to
(A) invariable (B) persistent (C) predictable (D) responsive
15. The word "its" in line 3 refers to
(A) temperature (B) cold (C) coat (D) bird
16. In lines 7-9, the author mentions young arctic terns as an example of birds that
(A) do not migrate (B) breed during migration (C) migrate instinctively (D) adapt to the cold
17. The word "they" in line 16 refers to
(A) glands (B) birds (C) body functions (D) hormones
18. According to the passage, birds exposed to longer periods of darkness experience all of the following changes EXCEPT
(A) activated glands (B) excited behavior (C) retention of more fat (D) increased appetite
19. In the experiment mentioned in the passage, the scientists adjusted the birds'
(A) food supply (B) body temperatures (C) exposure to light (D) brain chemistry
20. Where in the passage does the author mention the substance that enables birds to fly long distances?
(A) Lines 2-4 (B) Lines 5-7 (C) Lines 10-11 (D) Lines 16-17