

亞洲大學

115 學年度學士後獸醫學系招生試題紙

學系別	考試科目	考試日期	時 間
學士後獸醫學系	英文	115.04.25	08:40-10:00

I. Choose the best word to complete each sentence.

- Reptiles can be _____ from other mammals by the fact that they are cold-blooded and have scales.
(A)distinguished (B) constricted (C) classified (D) survived
- The number of red blood cells may _____ according to oxygen content.
(A) estimate (B) distinguish (C) vary (D) adapt
- Microbiology is the study of organisms at a _____ level.
(A)characteristic (B) identical (C) microscopic (D) cellular
- Negative perceptions of some mental illnesses still _____ despite advances in public education and information.
(A)modify (B) persist (C) prevent (D) pursue
- Patients with diabetes usually have to _____ their blood sugar level.
(A)infect (B) prescribe (C) persist (D) monitor
- Most cases of mental illness have a _____ cause.
(A) perceptive (B) neurological (C) bacterial (D) reluctant
- Giraffes are _____ that live on a diet of leaves and eat an average of 75 pounds of food a day.
(A)carnivores (B) omnivores (C) herbivores (D) locavores
- Small fish have developed defense mechanisms to avoid _____ fish such as sharks.
(A) predatory (B) voracious (C) devour (D) detour
- Desert plants have _____ to dry conditions by growing long root systems that go deep underground to find water.
(A) estimated (B) evolved (C) processed (D) adapted
- Minor modifications to diet and lifestyle have been found to be _____ in reducing high blood pressure.
(A) superficial (B) artificial (C) beneficial (D) residential
- An absolute _____ is a political system where one person has complete power over a country.
(A) monarchy (B) hierarchy (C) revolution (D) declaration
- High-risk lending by financial institutions led to a _____ in the housing market and the financial crisis of 2008.
(A) allocation (B) complication (C) collapse (D) promotion
- Archeologists have _____ a site in France that may provide new evidence of society in the Stone Age.
(A)exacerbated (B) extracted (C) excavated (D) executed

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14. The fifth-grade assignment was written in double talk. Everyone laughed as the students tried to make out the teacher's _____ message.
(A) vindictive (B) cryptic (C) devoid (D) detrimental
15. My sister loves a certain cheese that has the _____ odor of something that fell off a garbage truck.
(A) exhaustive (B) vile (C) fallible (D) genial
16. Judge Star is especially _____ with drunken drivers, giving every one of them a jail term.
(A) furtive (B) punitive (C) feasible (D) fiscal
17. Instead of encouraging us when we make a mistake, our biology teacher _____ at us with a scornful smile or a put-down.
(A) implores (B) infuriates (C) intimidates (D) sneers
18. The holiday season always includes a _____ of last-minute shopping.
(A) hamper (B) paradox (C) frenzy (D) bizarre
19. The chemist didn't express his theory clearly, so it remained _____ to all but a few scientists.
(A) magnitude (B) obscure (C) dispel (D) explicit
20. The drug's dangers include both permanent brain damage and _____ side effects, such as temporarily blurred vision.
(A) transient (B) mundane (C) ambivalent (D) aloof
21. My father wouldn't _____ the type of car he had bought, saying only, "It's a surprise."
(A) detract (B) averse (C) nullify (D) divulge
22. Gorilla mothers, usually loving and _____, become abusive toward their babies when caged with them.
(A) glib (B) haughty (C) redundant (D) benign
23. I was nervous being at a party where I didn't know anyone, but the other guests were so _____ that I soon felt at ease.
(A) flippant (B) prone (C) congenial (D) relentless
24. In _____ for being fired, a troubled man shot several people at the factory where he used to work.
(A) reprisal (B) rationale (C) rapport (D) charisma
25. Unemployment was _____ during America's Great Depression. By 1932, over twelve million people were out of work.
(A) prevalent (B) favorable (C) contemporary (D) contend

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26. Whenever I read about child abuse in the newspaper, I am filled with such _____ that I often cannot finish the article.
 (A) virile (B) revulsion (C) demise (D) benefactor

27. The company's disregard of the environment is _____. It makes no effort to stop polluting coastal waters with garbage.
 (A) blatant (B) blight (C) gaunt (D) immaculate

28. When Robert refused to pay his little sister for washing his car, she _____ by washing it again- with its windows open.
 (A) retaliated (B) contrived (C) garbled (D) degenerated

29. I forgot to buy something for lunch tomorrow, but the leftover meatloaf will _____.
 (A) suffice (B) intercede (C) intricate (D) confiscate

30. The government scandal _____ the reputations of everyone involved.
 (A) benefited (B) tainted (C) appeased (D) revitalized

II. Grammar: Choose the best answer.

31. _____ salmon find their way back to their birthplace still remains a mystery to biologists.
 (A) Which (B) How (C) Although (D) Since

32. Marine biologists use jellyfish, coral, and sea anemones to study bioluminescence, _____.
 (A) certain living organisms give off the heatless light
 (B) which certain living organisms give off the heatless light
 (C) is the heatless light given off by certain living organisms
 (D) the heatless light given off by living organisms

33. First ignored for nearly forty years, _____ for his great contribution to genetics in the 1930s.
 (A) later recognized by Gregor Mendel (B) Gregor Mendel later recognized
 (C) Gregor Mendel was later recognized (D) later recognition of Gregor Mendel

34. Spider silk is lighter per unit weight than most man-made materials, _____ is about four to five times as strong as steel of the same weight.
 (A) yet (B) which (C) there (D) despite

35. Each of its particles becomes surrounded by water molecules _____ solid compound dissolves in water.
 (A) with a (B) if a (C) when is a (D) a

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36. _____ has supernatural powers with hidden wisdom is widely believed in many cultures.
 (A) When the dragon (B) That the dragon
 (C) The dragon (D) Whether the dragon

37. An object weights _____ from the Earth's surface.
 (A) less the farther it gets (B) the farther it gets, the less
 (C) less than it gets farther (D) less than it, the farther it gets

38. _____ ancient civilizations have died out mysteriously throughout history is true.
 (A) That some (B) When some (C) Some were (D) Some

39. Body weight _____ by the brain.
 (A) is regulated (B) that it is regulated (C) regulated (D) being regulated

40. _____ measured in degrees east and west of the prime meridian is referred to as longitude.
 (A) The distance, which (B) The distance (C) Where the distance
 (D) The distance is

41. _____ superstitious beliefs about meteors.
 (A) People have had long (B) People have long had (C) Have people long had
 (D) Long have had people

42. The star fruit is the _____, juicy fruit of Averrhoa carambola, an evergreen tree native to tropical Asia.
 (A) skinned is smooth (B) skin, which is smooth (C) smooth skin
 (D) smooth-skinned

43. Almonds have a mild buttery flavor and _____ the most nutritious of nuts.
 (A) among (B) there are among (C) among them (D) are among

44. Every year hurricanes hit the eastern coasts of North America and Central America, _____ an incalculable loss of life and property.
 (A) caused (B) are caused (C) causing (D) causes

45. According to fatalism, _____ event occurs in the future is predetermined and therefore inevitable.
 (A) whatever (B) some (C) every (D) how much

46. Philip Kotler is one of the world's _____ experts on the strategic practice of marketing.
 (A) very most (B) foremost (C) mostly (D) the most

47. _____ under a microscope, fresh snowflakes exhibit a wide variety of shapes.
 (A) Seeing (B) To see (C) Seen (D) Sees

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48. When the main opposition party _____, a situation of one-party dominance is said to exist.
 (A) receiving less than one-third of the votes
 (B) less than one-third of the votes is received
 (C) receives votes are less than one-third
 (D) receives less than one-third of the votes

49. Among the giant ocean mammals _____, which may weigh up to 180 tons and measure 98 feet in length.
 (A) the blue whale (B) has the blue whale (C) being the blue whale (D) is the blue whale

50. Whether on land or in the water, _____ is usually a very close connection between environment and wildlife.
 (A) that is (B) there (C) what (D) it

51. _____ is the most accurate technique to provide genetic information is widely accepted among genetic scientists.
 (A) What DNA testing (B) Where DNA testing (C) DNA testing
 (D) That DNA testing

52. A synthetic chemical dye can stain _____ it touches.
 (A) everything (B) somehow (C) where else (D) them

53. A decrease in the aggregate supply of raw materials _____ result in rising prices, forcing producers to raise their costs.
 (A) tends (B) tends the (C) tending to (D) will tend to

54. _____ debate and discussion, participants present their arguments for and against the given topic in an attempt to persuade people to accept their viewpoints.
 (A) Both (B) Although both (C) In both (D) That both

55. Freezing foods _____ the spread of bacteria, fungi, or other microorganisms even though the process does not sterilize them.
 (A) retards (B) retard (C) to retard (D) is retarded

III. Complete each paragraph below by filling in the blanks with correct answers.

The exploration of space required the development of rockets that would be able to attain sufficient (56) _____ to achieve extreme altitudes. In order to escape from Earth's (57) _____, a rocket has to achieve a speed of 40,000 kph (25,000 mph), which requires a very powerful engine and a great deal of fuel. Even with the most powerful engine available, it would not be possible to (58) _____ sufficient (59) _____ to lift a rocket and all its

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fuel to the required (60). To solve this, scientists developed the multi-stage rocket.

56.(A)hydrogen (B) neutron (C) velocity (D) lethargy
 57.(A) gravity (B) electron (C) element (D) density
 58.(A) generate (B) fuse (C) orbit (D) accelerate
 59.(A)acceleration (B) satellite (C) mass (D) accumulation
 60.(A) gravity (B) oxygen (C) proton (D) altitude

Public speaking is an essential skill no matter what (61). However, many students fear public speaking although it is necessary in high school, college, and (62). To learn how to speak in public, students can join school clubs such as speech and debate clubs. They can also join community groups that meet for public speaking (63). To begin (64) for a speech, students can first write an outline or write down exactly what they want to say. Students can practice with short speeches at the beginning, about three to five minutes long, before more (65) speeches are tackled. Beginners can practice their speeches in front of mirrors, family members, and their peers. The audience can offer them some encouragement (66) constructive criticism at the end of a speech. (67) students become familiar with the process of making a speech with notes and outlines, they can learn how to make impromptu speeches. These speeches can be on nearly any topic, so students need to be familiar with a (68). It is essential that impromptu speech makers practice a different topic each week, so they will be ready with any topic they draw. Lastly, students should practice constantly, (69) them familiar with the materials.

61.(A) are your age (B) may be your age (C) your age may be (D) age are you maybe
 62.(A) works (B) work (C) working (D) the work
 63.(A) a week (B) weekly based (C) on a weekly basis(D) based on a week
 64.(A) prepare (B) prepared (C) preparing (D) to prepare
 65.(A) informal (B) unique (C) advanced (D) lengthy
 66.(A) as well as (B) in a way (C) by the way (D) in terms of
 67.(A) Ever (B) As (C) Once (D) Already
 68.(A) wide range of topics (B) topics of wide range (C) topic of wide range
 (D) range of wide topics
 69.(A) making (B) make (C) has made (D) was made

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IV. Reading Comprehension

Article A

Ant colonies are divided into queens, males, and workers. The job of the queen is to lay eggs. The males generally do not work, but receive food from the workers until it is time for them to mate. They die almost immediately after mating. Workers are sterile females. Instead of reproducing, they perform a variety of roles that benefit the colony. They forage for food, defend the colony from attack, construct the nest, and take care of the queen. Only a small percentage of worker ants are foragers. They face greater risks as they are constantly exposed to external dangers from predators while hunting for food.

70. The author mentions the queen, males, and workers in the passage in order to illustrate

- (A) functions of ant colonies (B) functions of ants
(C) types of ant colonies (D) types of reproduction

71. According to the paragraph, which of the following is NOT true about ant colonies?

- (A) Each type of ant has a different function. (B) Workers do not hunt for food.
(C) Males do not reproduce. (D) Workers and queen ants are all female.

72. The word “forage” in the passage is closest in meaning to

- (A) eat (B) search (C) carry (D) store

73. The word “sterile” in the passage is closest in meaning to

- (A) infertile (B) defensive (C) uncooperative (D) inactive

74. Which of the sentences below best expresses the essential information in the following sentence: “They face greater risks as they are constantly exposed to external dangers from predators while hunting for food.”?

- (A) Forager ants do not put their lives at risk when they hunt for food.
(B) The function of forager ants is to defend the colony from danger.
(C) Forager ants hunt for food despite facing constant danger outside the colony.
(D) Forager ants do not hunt for food unless they are safe from danger.

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Article B

Cultural anthropology of the 20th century was greatly influenced by the so-called culture history school, founded by Franz Boas, a German-born American. He supported the idea that researchers should collect evidence of the diversity of human social structures and behavior by observing people in their natural environs. In his view, the task of the anthropologist was to go out into the field to observe and gather facts and artifacts, record social and cultural processes, and use this data as the basis of a theoretical description. This emphasis on fieldwork and firsthand observation influenced a whole generation of sociologists and cultural anthropologists.

75. The word “field” in the passage is closest in meaning to

- (A) team (B) subject (C) research (D) environment

76. Which of the following is implied about anthropologists before Boas?

- (A) They did not base their theories on observation.
(B) They did not study other cultures.
(C) They did not gather enough evidence for their theories
(D) They did not agree on theoretical research methods

Article C

The tropical rainforests play a crucial role in sustaining life on our planet. They are vitally important to the environment. However, the rainforests around the world from Australia to Brazil are being depleted at a dramatic rate. Recent estimates are that deforestation has reduced the amount of tree cover on our planet by more than 50 percent. Forests are cut down for many reasons, but most of them are related to the increase in human population.

A major contributing factor is the clearing of land for agriculture. Farmers cut down forests to cultivate crops or to provide grazing land for their livestock. When trees are cut down for agriculture, they are not replaced with new trees. Not only animal species, but also plants with as yet undiscovered potential medicinal uses are destroyed with a resulting decrease in biodiversity. The preservation of animal and plant species is essential for maintaining the future sustainability of life on our planet.

A second cause of deforestation is the use of wood for construction and manufacturing, as well as for paper production. Legal and illegal logging in many countries has destroyed large areas of forest and **this** has led to a degradation of soil conditions. Trees not only provide shade and protection that keep soil moist, their roots also hold the soil together, preventing erosion. Land that has been cleared for cultivation easily becomes barren and more susceptible to damage from floods and

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droughts.

Trees play an important role in absorbing greenhouse gases. Without trees, larger amounts of greenhouse gases enter the atmosphere and contribute to air pollution and global warming. Trees are also very important in the process of precipitation. The leaves of the trees contribute humidity to the atmosphere through the process of transpiration. Fewer trees mean that there is a reduction in humidity in the air, which affects not only the local ecosystem, but weather patterns globally, potentially harming agricultural production around the world.

77. In paragraph 1, the author mentions the increase in human population in order to

- (A) show that trees are important to the planet
- (B) make the point that deforestation is harmful
- (C) argue that deforestation is unnecessary
- (D) explain why trees are being cut down

78. The word “this” in paragraph 3 refers to

- (A) the destruction of large areas of forest
- (B) paper production
- (C) logging activity
- (D) degradation of soil conditions

79. The word “susceptible” in the passage is closest in meaning to

- (A) predictable
- (B) resistant
- (C) vulnerable
- (D) sufficient

80. Which of the following statements is supported by paragraph 4?

- (A) Fewer trees mean less rain.
- (B) More pollution means less rain.
- (C) Less humidity means higher temperature.
- (D) Less rain means less pollution.