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# 國立臺北科技大學

## 九十六學年度四年制二、三年級轉學生招生考試

## 系所組別：四技三年級共同科目

## 第一節 英文 試題



**注意事項：**

1. 本試題共 50 題，配分共 100 分，每題 2 分
2. 全部答案均須在答案卷之選擇題答案欄內作答，否則不予計分。

一、詞彙結構測驗：本部份共有 20 題，每題英文句子或會話均留有空格，請就句子意義，英語語法，片語用法，一般生活邏輯暨修辭考量，選出最適切的答案，將答案代號 A,B,C 或 D，填在答案卷之答案欄內。

1. Alex and his brother are identical _____. They were born at the same time on the same day. They look very much like each other.
   (A) twins (B) ancestors (C) functions (D) measures
2. Beer is considered as _____ beverage. You need to be legally adult to drink beer.
   (A) unprepared (B) roasted (C) fragrant (D) alcoholic
3. When a person is sick, he or she is advised to eat something _____--food with little taste.
   (A) salty (B) bland (C) blank (D) empty
4. Diamonds and rubies are beautiful stones. Both of them are very _____--they are not easy to find in the world. Because of this, they are expensive.
   (A) exempt (B) intuitive (C) original (D) rare
5. Picasso's paintings have been _____ all over the world so that people do not need to go to Spain for a fine-art trip.
   (A) collected (B) distributed (C) exhibited (D) explored
6. A: Did the old man have enough money to live on?
   B: Just _____. He didn't have any extra left.
   (A) likely (B) nearly (C) hardly (D) barely
7. I helped him choose the _____ for his house: chairs, tables, beds and cupboards included.
   (A) porcelain (B) decorations (C) furniture (D) resources
8. Please don't _____ the books; instead, put them in order on the shelf.
   (A) litter (B) escape (C) stretch (D) shelter
9. Please _____ the TV set. It makes too much noise, which I feel uncomfortable with.
   (A) put out (B) turn down (C) call off (D) shut up
10. Kelly loved her husband _____ the fact that he did not come from a rich family.
    (A) in case of (B) in spite of (C) instead of (D) on account of
11. The students practice _____ the piano every other day.
    (A) and played (B) to play (C) playing (D) being played
12. It's impossible for a child to do so much work within a short period of time, _____?
    (A) isn't it (B) is it (C) has it (D) hasn't it
13. _____ you dislike ancient buildings, *Warrick Castle* is worth a visit.
    (A) As (B) If (C) Even if (D) Now that
14. We all think that _____ no need to make laws to prevent the young from getting married during their college years.
    (A) it is (B) there has (C) it has (D) there is
15. This robot is supposed to save a lot of labor, but it remains a problem if it _____.
    (A) is (B) saves (C) does (D) has
16. When do you think _____ start the new project?
    (A) they will (B) will they (C) they (D) can they
17. It is just as hard to persuade my wife not to dance _____ to keep me from the football field.
    (A) so it is (B) as it is (C) so is it (D) as is it
18. Ellis Haizlip began his stage career in Washington, D.C., ____ supervised the Howard University Players during their summer season.
    (A) he was (B) where he was (C) which he (D) where he
19. Most green vegetables, _____ for too long, will lose nutrition.
    (A) if to be cooked (B) if cooked
    (C) if cooking (D) if being cooked
20. Peter and Bob both did well, but Peter is ____ of the two.
    (A) more talented (B) the more talented
    (C) most talented (D) the most talented

二、段落填空測驗：本部份共 15 題，每個段落含有五個空格。請從試題提供的 A,B,C 和 D 四個選項中選出讓段落通順最合適的字或詞，並將答案代號標示在答案卡上。

Clearly, extreme and uncommon things fascinate many people. If the number of copies sold is a __21__, *The Guinness Book of World Records* is one of the most popular books in the world. Around 94,000,000 copies have been sold __22__ it was first published in 1995. This makes it the second most popular book in history __23__ the Bible. *The Guinness Book* has been sold in 100 different countries and has been translated into 37 languages.

The Guinness Book was first created for the purpose __24__ arguments in bars. The idea belonged to Sir Hugh Beaver, who was the managing director of the *Guinness Brewery*. This is the same brewery that __25__ produces the famous Guinness beer.

21. (A) lie (B) weapon (C) guide (D) fraud
22. (A) as (B) since (C) before (D) when
23. (A) next to (B) in addition to (C) in spite of (D) in front of
24. (A) that settles (B) settling (C) of settling (D) to settle
25. (A) still (B) never (C) usually (D) seldom

In the future, hospitals will be places __26__ one goes primarily for diagnosis. Every human begin will "see a hospital" once or twice a year and undergo a __27__ analysis of his body structure. The results of the analysis can be compared to those from a year earlier to see what changes have taken place.

__28__ have to rely on memory or comparison of written

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records. __29__ is likely that computers will keep track of a patient and make diagnosis almost as quickly as the body analysis is carried through.



The result is that when treatment for disease must be undergone, it will be simpler and take less time. __30__ will be greatly reduced and medical expenses will go down.

26. (A) when　(B) if
    (C) which　(D) where
27. (A) painlessly rapid　(B) rapid and painless
    (C) rapidly and painlessly　(D) rapidly painless
28. (A) Nor will doctors　(B) Doctors will nor
    (C) Nor doctors will　(D) Doctors nor will
29. (A) As　(B) There
    (C) This　(D) It
30. (A) Patients stay in hospitals　(B) That people stay in hospitals
    (C) Hospital stays　(D) The hospital's staying

The skepticism about Physical Education comes at a bad time. American children are __31__ than ever before. Several recent studies have shown that about 25% of all American children are overweight. __32__ related to obesity (like diabetes and high blood pressure) are also becoming more common among teenagers and pre-teens.

Health experts are pushing hard to change the image of PE as something optional, irrelevant, and frightening. They point out that a __33__ public school loses a lot when it cuts back on PE classes. Not only __34__ lose exercise, bur the school loses one of its few chances to teach about healthy eating habits or about healthy attitudes toward sex. The challenge for health experts is to make PE seem like a good way to spend scare money. A new fitness philosophy in education may help them __35__.

31. (A) physically less fit　(B) less physically fit
    (C) less fit physically　(D) physically fit less
32. (A) Behaviors　(B) Symptoms
    (C) Diseases　(D) Treatments
33. (A) tight-fisted　(B) cruel-hearted
    (C) single-handed　(D) budget-crunched
34. (A) students do　(B) are students
    (C) students　(D) do students
35. (A) succeeding　(B) a big success
    (C) succeed　(D) successful

三、閱讀理解測驗：本部份共有 15 個題目，包括四篇文章，每篇文章後附有 5 個相關問題。請依文章內容所述，對問題選出最適切之答案，並將答案代號標示在答案卷之答案欄內。

A SHEPHERD, keeping watch over his sheep near the shore, saw the Sea very calm and smooth, and longed to make a voyage with a view to commerce. He sold all his flock, invested it in a cargo of dates, and set sail. But a very great tempest came on, and the ship being in danger of sinking, he threw all his merchandise overboard, and barely escaped with his life in the empty ship. Not long afterwards when someone passed by and observed the unruffled calm of the Sea, he interrupted him and said, "It is again in want of dates, and therefore looks quiet."

36. What is a SHEPHERD?
    (A) One who invests in stocks and securities.　(B) One who guides a trip.
    (C) One who takes care of sheep.　(D) One who interrupts public speeches.
37. Why was the ship in danger of sinking?
    (A) There were too many sheep in.　(B) The dates weighed too much.
    (C) The ship sailed too fast.　(D) There came a heavy rain storm.
38. Why did the SHEPHERD decide to sell all his flock?
    (A) He had to pay his debts.　(B) He wanted to buy and sell dates.
    (C) He felt like getting retired from business.　(D) He needed to buy a ship.
39. What is the moral of the story?
    (A) Trust not in him that seems a saint.
    (B) There is no eye like the master's.
    (C) Evil companions bring more hurt than profit.
    (D) Destroy the seed of evil, or it will grow up to your ruin.
40. Which of the following statements is true?
    (A) The SHEPHERD raised sheep in the mountains.
    (B) The SHEPHERD was actually killed in the sea storm.
    (C) When the SHEPERD was in need of dates, he looked quiet.
    (D) The SHEPHERD lost almost what he had by doing commerce.

Hibernation is one of the main adaptations that allow certain northern animals to survive long, cold winters. Hibernation is like a very deep sleep that allows animals to save their energy when there is little or no food available. The body functions of 'true hibernators' go through several changes while they are hibernating. Body temperature drops, and the heart rate slows. For example, a hibernating woodchuck's body temperature drops by more than 30 degrees Celsius, and its heart rate slows from 80 to 4 beats per minute! Other true hibernators include the jumping mouse, little brown bat, eastern chipmunk, and several ground squirrels. Other animals, such as the skunk and raccoon, are not considered true hibernators, as they wake up in the winter to feed, and their body functions do not change as much. Since they only sleep for a little bit at a time, the term *dormancy* or 'light sleeping' is used to describe their behavior. The largest animals to hibernate are bears. Their heart rate may slow down from a usual 40-50 beats per minute to 8-12 beats per minute, but their body temperature changes very little, so they are able to wake up quickly.

Hibernating animals have a special substance in the blood called hibernation inducement trigger, or HIT. This substance becomes active in the fall, when the days become cooler and shorter. When HIT becomes active, the animals start preparing for winter. Some animals store food so that they can eat when they wake up, and some animals eat a lot in late summer and fall to add excess fat to their bodies. This fat keeps them warmer and acts as a source of energy while they are sleeping. Some animals also make changes to the places where they will sleep (dens). They add leaves and grasses to keep them warm.

41. Why do animals hibernate?
    (A) To learn more hunting skills.
    (B) To survive winters.
    (C) To lose weight.

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(D) To stay calm.

42. What changes occur in the functions of an animal's body when it hibernates?



(A) The body temperature goes down. (B) The heart beat rate fastens.
(C) The skin colors turn out to be darker. (D) They wake up a lot more easily.

43. Why are raccoons and skunks not 'true hibernators?'
(A) Their body functions change too much.
(B) They wake up in the winter to find something to eat.
(C) They don't need to save their energy when there is little or no food.
(D) They don't have HID in the blood.

44. When does HIT become active?
(A) When the days become shorter or cooler.
(B) When they stop taking in foods.
(C) When they begin to eat more in the beginning of summer.
(D) When they save enough fat in their body.

45. Which of the following statements is true?
(A) Easter chipmunks are not true hibernators.
(B) Lions are the largest animals to hibernate.
(C) The body temperature for the bears changes a lot when they hibernate.
(D) Dormancy is used to describe animals when they sleep a little bit at a time.

Brandon Webb and Chien-Ming Wang went head-to-head, sinker for sinker, and even the NL Cy Young Award winner was unable to stop the surging Yankees.

Wang outpitched Webb in a marquee matchup of exceptional sinkerballers, and streaking Bobby Abreu hit an early three-run homer to help New York beat the Arizona Diamondbacks 4-1 on Tuesday night for its seventh consecutive victory.

"This whole streak is based on how well we pitch, and Wang did it again tonight," manager Joe Torre said. "When you win, you don't feel you're ever going to lose. It's great confidence we've got right now, great confidence."

The Yankees (31-31) won for the 10th time in 12 tries following a five-game skid, reaching .500 for the first time since they were 16-16 after beating Texas on May 9. It's their first seven-game winning streak since a 10-game run in May 2005 that followed an 11-19 start.

"We're playing much better. It feels good to be back at .500," closer Mariano Rivera said. "We can't stop there."

Chad Tracy homered for Arizona, which lost for the fourth time in five games after an 11-1 stretch. The Diamondbacks dropped to 2-5 in regular-season meetings with New York. Of course, Arizona beat the Yankees in seven games in the 2001 World Series.

Coming off a five-hitter at the Chicago White Sox , Wang (6-4) allowed six hits and walked none in seven innings. Runner-up for the AL Cy Young Award last year, he has won his last three starts and five of six overall.

"He"s outstanding, similar to Webb," Arizona manager Bob Melvin said. "You know what's coming, and you can't do much with it. He was throwing it up there 94, 95 mph. He threw just enough off-speed pitches to keep you off the sinker."

Wang said he left too many pitches up. But he was good enough to beat Webb (6-4), who settled down after giving up Abreu's homer in the first. The reigning NL Cy Young Award winner yielded four runs--three earned--and five hits in seven innings, dropping to 3-1 in five starts since his previous loss May 16 at Colorado.

Webb had won his last three starts, giving up only two earned runs in 22 innings for an 0.82 ERA. "One mistake to Abreu and that's pretty much the game," Webb said. "It was a couple inches in, a decent pitch. It's where we wanted it. It might have been up a hair, but he hit it well."

(From AP, June 13th, 2007)

46. What kind of sport is the news story about?
(A) Baseball. (B) Football.
(C) Basketball. (D) Ice Hockey.

47. Which of the following description about Brandon Webb is true?
(A) He used to win the NL Cy Young Award.
(B) He is never considered to be a sinkerball pitcher.
(C) He has been a pitcher for the Yankees for 3 years.
(D) He allowed a homerun to Abreu in the second inning.

48. Which of the following statements is true for Arizona Diamondbacks?
(A) They lost the game to the Yankees 1-3.
(B) They lost to the Yankees in the 2001 World Series.
(C) They lost to the Yankees 1-4 in the regular-season meetings.
(D) Bob Melvin is currently the Manager.

49. Which of the following statements is true for Chien-Ming Wang?
(A) Joe Torre thinks that Wang has been doing good as a hitter.
(B) Wang pitched for eight innings in the game.
(C) Wang was the AL Cy Young Award Winner last year.
(D) Wang, as a starter, has won five of his last six games.

50. Which of the following statements is true?
(A) Brandon Webb thinks that the homerun he allowed doesn't play an important role for the whole game at all.
(B) In the previous three games before this, Brandon Webb had his ERA set at 0.500.
(C) Wang allowed six hits to the Diamondbacks in the game, including a homer.
(D) According to Joe Torre, good luck is what has kept the Yankees winning in recent games.