



การสอบคัดเลือกบุคคลเข้าศึกษา
ในมหาวิทยาลัยขอนแก่นโดยวิธีรับตรง
ประจำปีการศึกษา 2556

ชื่อ.....	รหัสวิชา 03
เลขที่นั่งสอบ.....	ข้อสอบวิชา ภาษาอังกฤษ
สนามสอบ.....	วันที่ 3 พฤศจิกายน 2555
ห้องสอบ.....	เวลา 15.00 - 17.00 น.

คำอธิบาย

- ข้อสอบนี้มี 13 หน้า (100 ข้อ) คะแนนเต็ม 100 คะแนน
- ก่อนตอบคำถาม ต้องเขียนชื่อ เลขที่นั่งสอบ สนามสอบและห้องสอบ ลงในกระดาษแนบนี้ และในกระดาษคำตอบ พร้อมทั้งระบายรหัสเลขที่นั่งสอบ รหัสวิชา และชุดข้อสอบให้ตรงกับชุดข้อสอบที่รับ
- ในการตอบ ให้ใช้ดินสอชนิดเบอร์ 2B ระบายวงกลมตัวเลือก ① ② ③ หรือ ④ ในกระดาษคำตอบให้เต็มวง (ห้ามระบายนอกวง) ในแต่ละข้อมีคำตอบที่ถูกต้องหรือเหมาะสมที่สุดเพียงคำตอบเดียว
ตัวอย่าง ข้อเลือก ② เป็นคำตอบที่ถูกต้อง ให้ทำดังนี้
① ● ③ ④
ถ้าต้องการเปลี่ยนตัวเลือกใหม่ ต้องลบรอยระบายในวงกลมตัวเลือกเดิมให้สะอาดหมดจดแล้วเสียก่อน แล้วจึงระบายวงกลมตัวเลือกใหม่
- ห้าม นำข้อสอบและกระดาษคำตอบออกจากห้องสอบ
- ไม่อนุญาตให้ผู้เข้าสอบออกจากห้องสอบก่อนเวลาสอบผ่านไป 1 ชั่วโมง 30 นาที

เอกสารนี้เป็นเอกสารสงวนสิทธิ์ของทางราชการ
ห้าม เผยแพร่ อ้างอิง หรือแจกจ่าย ก่อนวันที่ 21 มกราคม 2556

Part I: READING (30 marks)**Instructions:** Read the following three passages and choose the best answer.**Passage 1**

The Vscan is a pocket-sized ultrasound scanner that can be taken anywhere. It improves medical care, says Dr Jose Zamorano, director of the Cardio-vascular Institute at the University Clinic San Carlos, Madrid. He carries the scanner between the echocardiography lab, outpatient clinic, coronary care unit and emergency department of his hospital.

"If I detect a major problem, I will send the patient straight to the echo lab," says Zamorano. When he looked at the benefits of using Vscan in outpatient cardiology, he found that about one in four patients wouldn't have received a full echocardiogram exam were it not for the problems picked up in an early Vscan check. "Generally, we may miss diagnosis for only 25% of the patients."

- The passage is about _____.
 - a mini mobile scanner
 - Dr Zamorano's discovery
 - the university cardio-vascular lab
 - cardio-vascular patients
- Which sentence is true according to the passage?
 - Patients can ask for a full echocardiogram check.
 - Patients are to have ultrasound scans before being sent to receive a full echocardiogram check.
 - Patients have major problems in using Vscans.
 - Patients need to have a Vscan with them when having exams.
- Which sentence is true according to the passage?
 - Carrying a Vscan is a burden to doctors although it is useful.
 - Using a Vscan is really new to Dr Zamorano and he wants to learn more about it.
 - There is a chance for an outpatient to miss a full echocardiogram exam although s/he may have a heart problem.
 - Vscan are set up in all departments in the hospital.
- Which sentence is true according to the passage?
 - Dr Zamorano really wants outpatients to have the opportunity to use the Vscan.
 - Dr Zamorano said the Vscan was very reliable, and that there were no mistake for the diagnosis.
 - Dr Zamorano uses a Vscan in many departments.
 - Dr Zamorano uses only a Vscan in the echocardiography lab.
- Dr Zamorano says _____.
 - Vscans are cheap.
 - Vscans are convenient.
 - Vscans are good for outpatients only.
 - Vscans can replace a full echocardiogram exam.
- The word "detect" (line 6) means _____.
 - ask
 - bear
 - consider
 - find
- The word "_____ " can replace the word "received" (line 8).
 - gotten
 - made
 - noticed
 - wanted

Passage 2

Aqua therapy is the best alternative for certain types of patients who cannot withstand other types of physical therapies; aqua therapy can provide distinct advantages. Aqua therapy motivates individuals to choose swimming or water exercise as a lifetime sport for maintaining general health and fitness. Often traditional physical therapy is delayed because patients cannot tolerate weight-bearing activities. The use of aqua therapy enables the therapist to activate their patients' activities of daily living in the shortest time period possible. Using aqua therapy as a high velocity work out can help build muscle endurance and strength, cardiovascular health, coordination and endurance. Resistance in water is 5 to 45 times greater than resistance in air, depending on the speed of movement. This fact makes water a natural and immediately adaptable weigh training mechanism. The unique properties of water enable the heart to work more efficiently, thus enabling one to maintain a lower blood pressure and better circulation of blood.

8. The word "alternative" (line 1) means the same as _____.
- (1) choice (2) change
(3) progress (4) development
9. According to the passage, aqua therapy is suitable for _____ patients.
- (1) all (2) most
(3) some (4) only a few
10. The resistance of water is _____ for aqua therapy.
- (1) activated (2) beneficial
(3) consistent (4) improbable
11. Aqua therapy is _____ traditional therapy.
- (1) unlike (2) similar to
(3) a kind of (4) used more than
12. _____ is essential to aqua therapy.
- (1) Tolerance (2) Endurance
(3) Swimming (4) Water
13. Aqua therapy has _____ advantages for your health.
- (1) several (2) immediate
(3) resistant (4) speedy
14. Another word in the passage that means the same as 'tolerate' is _____.
- (1) provide (2) offer
(3) enable (4) withstand
15. According to the passage, water has certain qualities that are _____ other things.
- (1) different from (2) inferior to
(3) more concentrated than (4) more easily seen than

Passage 3

Using herbs and plants for medicinal purposes has a long tradition. In India and China, these traditions date back thousands of years. Once thought of as "traditional medicine" used by native or ancient cultures, herbal medicine has emerged as a popular alternative or supplement to modern medicine. According to the World Health Organization, \$60 billion are currently spent on herbal remedies globally, and the trend is growing rapidly.

Medical professionals suggest taking herbs for only short periods. It is unclear if short-term benefits continue over a longer time or if long-term herb use could actually be detrimental to health. Follow the instructions on the label. If any unusual side effects occur, discontinue immediately. In addition, herbs are not recommended in place of medical treatment or conventional medicine for chronic conditions or diseases, such as severe depression, diabetes, hypertension and heart disease. Herbs also are not recommended for people who may be immuno-compromised, such as the elderly or those with HIV; people with kidney damage or liver disease; anyone who may be undergoing surgery or other invasive procedures; and pregnant or lactating women. Herbal products also are not recommended for children under 6.

If herbs can be unsafe, why are they so readily available? This is because herbal products -- like vitamins and mineral supplements -- are classified by the U.S. Food and Drug Administration (FDA) as dietary supplements, not drugs. As a result, they are not tested for safety or efficacy. Thus herbal products can be marketed at any time, without scientific research and without approval from the FDA. Drug companies, on the other hand, must conduct clinical studies to determine the effectiveness of the drugs, safety, possible interactions with other substances, and appropriate dosages. The FDA must review the data and authorize the drug's use before the product may be marketed. The FDA can take regulatory action upon an herbal product only after it has received a sufficient number of reports of ill effects and can show the product is unsafe. At this point, the FDA can recommend the product be withdrawn from the market and/or labeled to reflect potential side effects. This system of regulation, however, is always after the fact, not before.

16. What is the purpose of this passage?
 (1) to promote the use of herbal products (2) to compare herbs and modern medicines
 (3) to ban the use of herbal medicine (4) to raise awareness of herbal product use
17. Which word can refer to the word "traditional" (line 2)?
 (1) unusual (2) alternative
 (3) customary (4) national
18. What is the current trend of herbal medicine mentioned by the World Health Organization?
 (1) More and more people use it. (2) Herbal medicine costs a lot of money.
 (3) Many people doubt if it is really safe. (4) It has become the main treatment for diseases.
19. Which one is the right implication according to the text?
 (1) The longer period of taking herbal medicines can cause negative results in health.
 (2) Many tests have been done to approve the consuming duration of herbal medicines.
 (3) There is a regulation mentioning that herbal medicine should be used for a short period.
 (4) People still have doubts about the periods of consuming herbs.
20. What does the word "detrimental" (line 9) mean?
 (1) harmful (2) supportive
 (3) complicated (4) healthful

21. Which fact about using herbal medicine is not mentioned?
 (1) what to do when users are allergic to it (2) who would get the best benefit from it
 (3) when it should be avoided (4) who should not use it
22. Which is not under the same category?
 (1) minerals (2) herbs
 (3) vitamins (4) drugs
23. When can the FDA take action on the herbal product label?
 (1) after the safety test (2) after the efficacy test
 (3) after the product becomes a drug (4) after the reports of bad effects

Passage 4

- Child health experts believe children should be regularly screened for cholesterol levels. New guidelines from America's National Institutes of Health recommend the regular screening of kids between the ages of 9 and 11. Doctors say with increasing obesity rates in children, it is essential that steps are taken to make kids aware of their
- 5 health. They say identifying high cholesterol early can prevent heart disease later on in life. Around 15 per cent of U.S. kids are overweight or obese; a figure that rises to 30 percent for teenagers. Over ten percent of children in America have high cholesterol. The test is very simple – just a finger prick blood sample can tell doctors which children are most at risk.
- 10 Dr Stephen Daniels of the National Heart, Lung and Blood Institute and one of the authors of the guidelines explained the importance of starting a screening programme. He said; "The more we learn about heart disease and stroke in adults, the more we know that the process begins in childhood and progresses over time." He added: "We as pediatricians really need to get kids started on the right track and keep them in as low a
- 15 risk category as possible." The guidelines recommend ways to increase the heart's health. They say mothers should start with breast-feeding and introduce a low fat diet for babies.

24. What is the best title for this passage?
 (1) Cholesterol screening for kids (2) High cholesterol teenagers in America
 (3) U.S. kids are overweight (4) Heart disease and stroke in adults
25. What is a synonym of the word "obesity" (Line 4)?
 (1) skinniness (2) overweight
 (3) underweight (4) thinness
26. Which is true according to this passage?
 (1) All American children will be screened for high cholesterol.
 (2) The test for cholesterol levels in kids is not easy.
 (3) The doctor says high cholesterol starts when we become adults.
 (4) Around a third of U.S. teenagers are overweight or suffer from obesity.
27. What effect of cholesterol is discussed most in the passage?
 (1) breast-feeding (2) low fat diet
 (3) heart disease (4) stroke
28. What does the word "pediatricians" (line 14) refer to?
 (1) doctors who specialize in children (2) doctors who specialize in heart disease
 (3) specialists in cholesterol screening (4) experts in high cholesterol disease

29. Which topic is NOT discussed by the guideline?
 (1) ways to increase the heart's health (2) low fat diet for babies
 (3) breast-feeding by mothers (4) all children need to exercise everyday
30. What can be summarized from this passage?
 (1) More than half of U.S. kids are overweight.
 (2) Children should be regularly screened for cholesterol levels.
 (3) Identifying high cholesterol early can prevent heart disease.
 (4) The guidelines recommend ways to better the heart's health.

Part II: ERROR DETECTION (20 marks)

Instructions: Decide which part of the sentence is *incorrect*.

31. A married British teacher whom fled with a 15-year-old schoolgirl to France agreed yesterday to be extradited.
 (1) (2) (3)
 (4)
32. The British teacher who was dressed in a checkered shirt and jeans was asked if he was ready to be hand over to British judicial authorities for questioning.
 (1) (2)
 (3) (4)
33. His pupil flied back to Britain on Saturday after the pair was found in the southwestern French city, Bordeaux.
 (1) (2) (3)
 (4)
34. If you think wearing clothes made of animal fur is wrong, you might make a statement by protest in stores that sell them.
 (1) (2)
 (3) (4)
35. Very few people are aware that certain kind of food and drink, if consumed regularly, can lead to higher levels of stress.
 (1) (2) (3)
 (4)
36. Some people believe that, like a dragon, the unicorn never existed and was simple an animal from a fairy tale or mythology.
 (1) (2) (3)
 (4)
37. Over the last 150 years, as prices going up, the value of money has gone down, so we now need more money to buy things.
 (1) (2) (3)
 (4)
38. Every year, scientists travel to Antarctica to work in conditions of extreme cold, with temperatures reach minus 100 degrees Fahrenheit.
 (1) (2) (3)
 (4)

39. People take herbs for many reasons and conditions, and one of the biggest reasons are that herbs are considered natural and therefore healthier than conventional drugs.
40. The Nine Emperor Gods Festival, what is also known as the Vegetarian festival, is a Chinese festival for celebrating the return of the Nine Emperor spirits from heaven to earth.
41. Although protein is certainly an essential nutrient, which plays many key roles in the way our bodies function, but we do not need huge quantities of it.
42. Just like everybody else, vegans need complete protein to get all the essence amino acids, so their bodies don't fall into a negative protein balance – otherwise known as starvation.
43. Whenever we eat, our body deposits amino acids into a storage bank, and then withdraw them whenever we need them.
44. I went to the library to get as many information as I could.
45. I think it is a spend of money to buy cigarettes.
46. He looks forward to see his girlfriend on Tuesday after work.
47. She gave me some very good advise when she told me to buy that car.
48. The police in that country does not carry guns when they are in the street.
49. The picture on the television is not at all clear because something needs to be adapted.
50. When you have finished eating in the restaurant, you ask the waiter for the account.

Part III: VOCABULARY (20 marks)

Instructions: Choose the best explanation or synonym of the meaning of the underlined word(s).

51. Six crew members were arrested over a collision between a ferry and a pleasure boat in Hong Kong that killed 37 people in the city's worst maritime disaster in decades. The crew members were arrested and investigated for endangering people's lives at sea.
(1) putting into danger (2) saving
(3) throwing (4) warning of danger
52. More than 120 passengers and crew were on the Hong Kong Electric company's vessel to watch a huge National Day Fireworks display in Victoria Harbour.
(1) arch (2) boat
(3) container (4) pot
53. Scores of people were thrown into the choppy water, and the company vessel sank within minutes, leaving only its bow protruding from the waves.
(1) a few (2) some
(3) several (4) many
54. The stricken ferry limped to Lamma where its shaken but relatively unharmed passengers disembarked.
(1) cried frantically (2) died
(3) frightened (4) got off the boat
55. Camels have lived in some of the most desolate corners of our planet, and not only do they live, they thrive.
(1) unpredictable (2) unimaginable
(3) uninhabited (4) untouchable
56. Most large animals are unable to survive in deserts.
(1) find food (2) continue to live or exist
(3) do activities (4) travel
- 57-58. By living in deserts, mountains, and other arid places camels are able to avoid predator, and others who would compete for resources.
- 57
(1) having little or no rain (2) relating to a town
(3) far away (4) of or characteristic of a suburb
58.
(1) bring about (2) take away
(3) keep away from (4) find out
59. Camels have adapted to the hot, dry desert climate very nicely and their thick coat also reflects sunlight, which helps to keep it from overheating.
(1) existed (2) accommodated
(3) raised (4) whispered
60. Have you heard that Mrs Andrews resigned from the board of directors?
(1) left (2) took over
(3) challenged (4) defended
61. I will have to find a way to accommodate myself to the new requirements.
(1) hinder (2) disorder
(3) assimilate (4) confuse

62. My best friend deserted me in a time of need.
 (1) abandoned (2) adopted
 (3) supported (4) cherished
63. I admit it has been a hard thing to do, but I finally reconciled my way of thinking with yours.
 (1) opposed (2) adjusted
 (3) protested (4) disagreed
64. They spent their first day as a married couple wandering about the streets of Venice as tourists.
 (1) determining (2) settling
 (3) staying (4) traveling

Instruction: Choose the best word to complete the sentence(s).

65. "There was not enough time to put on a lifejacket, yet alone time to fasten it. We tried to hold onto something above, but we had no luck and slipped," one emotional woman said, huddled in an emergency blanket. The woman who _____ into the water said it was actually not cold, but she kept shaking because of fright, and she could not get over it.
 (1) fell (2) jumped
 (3) threw (4) swam
66. Some science fiction explores the possibility of _____ life forms.
 (1) extraterrestrial (2) extracurricular
 (3) nonexistent (4) unreasonable
67. The _____ of wearing a special white dress for the wedding ceremony started around 150 years ago.
 (1) recognition (2) reputation
 (3) tradition (4) notion
68. Japanese people are _____ about the number four; they think it is an unlucky number.
 (1) suspicious (2) superstitious
 (3) subconscious (4) fabulous
69. In Thai culture, touching a person on the head is considered very _____ because the head is the highest point.
 (1) frightening (2) frustrating
 (3) insulting (4) confusing
70. In many countries nowadays, there is a _____ towards having fewer children per family.
 (1) style (2) taste
 (3) trend (4) transition

Part IV: CONVERSATION (20 marks)

Instructions: Complete the conversation with the most appropriate expression.

Conversation 1

- A: (At a hotel)
B: Hi. How's it going?
A: Good, thanks.
I'm Tim. Are you new here? I haven't seen you around.
B: Yes, _____ (71) _____.
A: Great. So, what _____ (72) _____?
B: Housekeeping.
A: Oh, yeah? I work at reception.
B: _____ (73) _____ Are you American?
A: No, I'm from Adelaide, Australia. _____ (74) _____
B: I'm from Thailand. How long have you been in Singapore?
A: Nearly four years now. I like it a lot.
B: _____ (75) _____. I love it.
A: So, how are you enjoying the job so far?
B: _____ (76) _____. Everyone's been very friendly.
A: _____ (77) _____ before you moved here?
B: At the Sofitel, in Bangkok.

71.

- (1) you look familiar
(2) I think I know you
(3) I only started on Monday
(4) I've been here for quite a long time

72.

- (1) department are you in
(2) are you interested in
(3) is your special interest
(4) made you decide to work here

73.

- (1) Why?
(2) How come?
(3) Naturally.
(4) I see.

74.

- (1) How far have you travelled?
(2) Could you give me your information?
(3) I want to know your origin.
(4) How about you?

75.

- (1) My pleasure
(2) No problem
(3) Me too
(4) No big deal

76.

- (1) It's great
(2) I'm quite busy
(3) It's very demanding
(4) I'm not so sure.

77.

- (1) What did you do
(2) Where were you
(3) What was your last job
(4) How did you know about this job

Conversation 2

- A: Good morning madam. _____ (78) _____?
- B: Thanks, but _____ (79) _____. I'm just wondering around.
- A: OK. Anyway, if _____ (80) _____, _____ (81) _____. My name is Greg.
- B: Sure. I will...
(A nice blouse attracts Karen.) Excuse me. _____ (82) _____?
- A: It's \$70.
- B: Can I try it on?
- A: Yes, _____ (83) _____?
- B: 10.
- A: OK here it is and _____ (84) _____?
- B: Oh, ok and thanks a lot.

78.

- (1) When do you need my help
(3) Why do you come here

- (2) What do you exactly need?
(4) How may I help you

79.

- (1) not anymore
(3) not right now

- (2) not the right time
(4) not feel like now

80.

- (1) you need any help
(3) you want a guide

- (2) you need a guide
(4) you wanted my help

81.

- (1) you will just let me know
(3) you will just put it in the trolley

- (2) just let me know
(4) just put it in the trolley

82.

- (1) How much does it price
(3) What's written on the tag

- (2) What's the price of this blouse
(4) How many of this blouse do you have

83.

- (1) when will you do that
(3) what size you are

- (2) what time do you want to
(4) how many do you want

84.

- (1) return it to the changing room
(3) bring the right one to the dressing room

- (2) the blouse is on that hanger
(4) the fitting room is over there

Conversation 3

- A: Hello! Wonderland Tour, Dolores speaking...
- B: Ah yes, hello.(85).....to Hong Kong from Kennedy Airport in New York, please. I'm off to a conference at the end of the month - Thursday the 22nd until Tuesday the 27th.(86).....and prices?
- A: Certainly. Do you want to go.....(87).....?
- B: Well, I'd like to go first class, but unfortunately I'll have to go economy - company rules, you see.
- A: Yes, sure, I understand.(88).....?
- B: Ah, it's just me.
- A: Okay, so that's one seat ... economy ... New York - Kennedy to Hong Kong Airport.
- B: And how much will that be?
- A: Let me see ... to qualify for the discount rate, you need to stay over a Saturday, which you are doing ... Yes, that'll be \$830.
- B: Right, and.....(89).....?
- A: No, tax is another \$70 on top of that.
- B: Okay.....(90)....., then?
- A: Certainly.

85.

- (1) Tell me about flights
(2) I'd like to question about the best time
(3) I'd like to inquire about flights
(4) could you tell me when is the best time

86.

- (1) Could you tell me about the seat
(2) Could you tell me about the flight availability
(3) Is there any flight going
(4) Could you tell me what flight

87.

- (1) economy, business or first class
(2) weekdays or weekends
(3) morning or afternoon flight
(4) aisle or window seat

88.

- (1) How many of you will be traveling
(2) Is anyone else going
(3) How many days are you staying
(4) Do you have your family with you

89.

- (1) how much does the airport tax
(2) does that exclude airport tax
(3) is there an airport tax
(4) does that include airport tax

90.

- (1) I don't want that
(2) Can I go there
(3) Can I book that
(4) Can I see that

Part V: CLOZE (10 marks)**Instructions:** Complete the conversation with the most appropriate expression.

A study has found that Australia's Great Barrier Reef has lost more than half its coral cover in the past 27 years due to storms, predatory star fish, and bleaching linked to climate change.

5 The research by scientists from the Australian Institute of (91) Sciences and the University of Wollongong warned that (92) cover on the heritage-listed reef—the world's largest—could (93) again by 2022 if trends continue.

Intense tropical cyclones—34 in total since 1985—were (94) for much of the (95), accounting for 48%, with outbreaks of coral-feeding crown-of-thorns starfish linked (96) 42%.

10 Two severe coral bleaching (97) in 1998 and 2002 due to ocean (98) also had "major detrimental impacts" on the central and northern reef. The study (99) the impacts from the increased water temperatures to be at 10%.

Two-thirds of the loss have (100) since 1998 with the rate of decline increasing substantially, and only three of 214 individual reefs surveyed across the 345,000 sq km site escape any impact.

- | | | |
|------|-----------------|-----------------|
| 91. | (1) Land | (2) Marine |
| | (3) Mountain | (4) Sky |
| 92. | (1) coast | (2) cone |
| | (3) coral | (4) crane |
| 93. | (1) add | (2) expand |
| | (3) increase | (4) halve |
| 94. | (1) responded | (2) responding |
| | (3) responses | (4) responsible |
| 95. | (1) damage | (2) discovery |
| | (3) expectation | (4) incident |
| 96. | (1) at | (2) in |
| | (3) on | (4) to |
| 97. | (1) even | (2) evidenced |
| | (3) events | (4) ever |
| 98. | (1) melting | (2) reducing |
| | (3) rising | (4) warming |
| 99. | (1) answered | (2) covered |
| | (3) found | (4) implied |
| 100. | (1) completed | (2) gained |
| | (3) occurred | (4) wanted |

—————End of the Exam—————