

1. 摘要寫作：細讀下列二篇短文，然後利用所規定的英文字數各寫一段摘要分別概述它們的主要內容。請勿直接抄襲短文中的句子。並請在你的摘要後面註明所用到的確實英文字數。30%

- 1.1 請為下列短文寫一段英文摘要(字數要少於 30 個英文單字，含標點符號)。(本小題 15 分)

Vijaya Krishnan of the University of Alberta studied the contraceptive practices of Canadian women. He used data from the Canadian Fertility Survey, a study of 5315 married or cohabiting women between 18 and 49. Krishnan found that women who already have two sons are significantly more likely to be using contraception than those with two daughters and no sons. More than half of the women using contraception in Canada choose to be sterilized. This suggests that these women have made a definite decision not to have any more children. On the other hand, couples postpone the use of effective contraception until their family is the size and composition they desire.

If, as Krishnan believes, this phenomenon for sons has survived even in a highly developed country such as Canada, then it would appear to be not just a consequence of the stage of development of a society but an inherent preference. He surmises that if techniques for determining a fetus's sex become widely available and more efficient, then this phenomenon could eventually lead to an imbalance between the sexes which would almost certainly have considerable social consequences. (187 words)

- 1.2 請為下列短文寫一段英文摘要(字數要少於 50 個英文單字，含標點符號)。(本小題 15 分)

Some moths emit ultrasonic noises when they hear the squeaks that bats use to locate insects at night, and this lessens their risk of being caught. One possibility zoologists have considered is that the moths startle the bats with these noises, or even jam their echolocation system. But now researchers in Canada have come up with another explanation. Dorothy Dunning and her colleagues at York University in Ontario studied several Canadian species of moths from the family Arctiidae. These moths react to bats' ultrasonic squeaks by emitting ultrasonic clicks.

First, the researchers confirmed that the moths really do taste unpleasant by presenting dishes with a selection of moths on them to captive brown bats (*Eptesicus Fuscus*). In all, they offered the bats 466 moths, of which 163 were arctiids and 303 not. The bats killed 281 of the control moths (93 per cent) and ate all but 7, but they killed only 87 of the arctiids (53 per cent) and left 19 of them uneaten. Clearly, they did not like the arctiids.

Next, the biologists noted how many moths of various families were caught by red bats (*Lasiurus borealis*) as they hunted the insects around streetlights. By counting the moths caught in ultraviolet traps the researchers measured the proportion of each family in the population as a whole, and from this they calculated that the red bats caught a significantly smaller proportion of arctiids than if they had been catching moths at random.

Dunning and her colleagues then 'muted' some of the arctiids by puncturing the tympanae they use to make their clicks. When they tossed the moths into the air in the path of foraging bats they found that the bats caught only 9 per cent of the moths which clicked, but more than 80 per cent of the muted ones, about half of which they later dropped.

Finally, the researchers checked the responses made by free-flying moths to artificial bat squeaks. They found that while 484 of 534 non-arctiid moths (92 per cent) tried to escape by diving, looping or turning, only 27 of 147 arctiids (18 per cent) bothered to do this. (355 words)

2. 英文作文：請依照下列題目及相關建議，用英文寫出一篇約 250 字的短文。 20%

Topic: The Importance of Religious Education in Taiwan

Suggestions: Your essay is required to include the following points

- (1) Definition of religious education
- (2) Desirability of religious education at home
- (3) Importance of religious education in school
- (4) Conclusion

八十九學年度 語言學研究所 系 (所) _____ 組碩士班研究生招生考試

科目 國文與英文 科號 4904 共 3 頁第 3 頁 *請在試卷【答案卷】內作答

作文：學術與政治 (50%)