

113 學測英文考科試題或答案之反映意見回覆

題號：1

1. People who desire a _____ figure should exercise regularly and maintain healthy eating habits.
(A) spicy (B) slender (C) slight (D) slippery

意見內容：

- 劍橋字典對於 slight 的解釋為「(人)瘦小，微弱的」意思，因此選項(C) slight 應予以計分。
- 四個選項中，選項(B) slender 與選項(C) slight 均有「纖細的」意思。在不同版本的字典中，均有提及 slight 有「纖細、纖瘦的」意思，故選項(C) slight 也是符合題意的答案。另外，在 Longman Dictionary 中，給出 slender 的解釋為 thin in an attractive and graceful way—used especially about women。從這個角度而言，主詞為 people，包含男性及女性，或許使用 slender 並不像 slight 那麼恰當，因 slender 較適合於形容女性。
- 選項(B) slender 與選項(C) slight 的文意相當接近，且各大字典給予的定義也相似。這可能會對學生造成困擾，因為他們可能會對這兩個詞語的微妙差異感到困惑。我們認為這可能會學生的學習產生負面影響，他們可能會因為這種微妙的語義差異而感到困惑，也會影響他們的學習動機和自信心。因此，我們認為這是一個值得被關注和即刻改進的問題。建議大考中心考慮將選項(B)與選項(C)都給分。我們相信，這樣的改變將有助於提升學生的學習經驗，並確保他們能在公平的環境下展現臺灣高中生應有的英文能力。
- 此題選項(C) slight 應亦為正確答案。此句中由 exercise regularly 和 maintain healthy eating habits 判斷，若參考答案為 slender 要在此句合理之情況下，採用的詞義應為「苗條的」，而 slight 在辭典中亦有「苗條」之意，且有 slight figure 的用法，slight figure 正是形容苗條的身材，由此結論，此題選項(C) slight 應亦為正解。

意見回覆：

本題評量考生掌握 slender 的語意及其在語境中的用法。作答線索在於題幹 a (slender) figure 與後文 should exercise regularly and maintain healthy eating habits 前後的語意關係。詞彙題評量考生掌握字詞語意外，還需考量在語境中的用法，本題選項(C) slight 為「瘦小的」或「瘦弱的」之意，與本題題幹後文語意不符合，因此非本題最適切的答案。

題號：47

第 47 至 50 題為題組

Many animals are known to live and move in groups to secure food and avoid predators. Over the years, people have been curious about the way they deal with **disturbances** arising from the environment, and the operations underlying their responses as a group. Studies on jackdaws and turtle ants may provide some insights into the issue.



Jackdaws are birds in the crow family often found in the English countryside. They are highly social birds and often travel in large flocks. Normally, the birds enjoy a smooth flight together as a group when “commuting” between two locations, such as from their nesting site to their feeding ground. However, if a predator (such as a fox) is present, the pattern of their flight will change immediately. Instead of paying attention to all the other members and following the group pattern, they now focus only on the birds within a fixed distance from them, based on information coming from other members. By doing so, the flock members are able to keep a safe distance between themselves, and thus avoid crashing into each other while they flee from the predator.



Turtle ants often live in the cavities of dead branches in American forests. They have evolved search strategies to link their food source to their nests. They travel entirely along tree branches and vines, laying down trails of pheromone (a chemical substance) behind them so that other ants can follow. The trails connect the ants’ colonies and sources of food, forming a sort of communication network. However, since these trails can easily be broken by wind or rain, the ants have to find new paths to get around the broken points and reestablish the network. Often they have to work together to explore alternative routes many times before they finally settle on the most efficient one. By working collectively, the ants are able to improve the efficiency of their network and adapt to their ever-changing environment.

47-48 下列簡短敘述摘記上方文章重點。請從文章中找出最適當的單詞 (word) 填入下列句子空格中，並視句型結構需要做適當的字形變化，使句子語意完整、語法正確，並符合全文文意。每格限填一個單詞 (word)。(填充，4分)

Studies show that animals like jackdaws and turtle ants are able to use 47 intelligence in both solving problems and 48 to new challenging environment.

意見內容：

1. 第 47 題是否可以開放 social 給分？根據選文第二段 They are highly social birds and often travel in large groups，且關於 jackdaws 有...focus...based on information coming from other members 的行為，而 turtle ants 有 forming a sort of communication network 的行為。部分字典（如 Longman、劍橋或牛津），social 一詞有 forming groups or living together in their natural state，或者 living together in an organized way。部分學術文章，social intelligence 有動物溝通合作解決問題的涵義。動物在運用 collective intelligence 的時候，也必定運用了 social intelligence，兩詞有意義重疊之處。因此，social 應為可接受的答案。
2. 此題非官方網站正解為 collective 或 group，但文章中易提到 jackdaws 和 turtle ants 使用集體智慧來溝通交換資訊以躲避獵食者或定位食物位置，如...they now focus only on the birds within a fixed distance from them, based on information coming from other members...（左欄文字）和...forming a sort of communication network（右欄文字），在題幹沒有更多線索引導下，第 47 格除了 collective 或 group 外，communication 或 communicative 應給分。
3. 對於第 47 題答案，非官方網站給予的答案為 group 或 collective，然大考中心未公布此題正解。對於此題的答案，經過與多位英文老師討論，認為於左下方文章中的第二行中 highly，作答提示中所謂的「適當的字形變化」，轉化形成容詞 high 與後面 intelligence 也可相配，而且同時符合文章情境，「研究顯示 jackdaws 和 turtle ants 能夠使用高智慧解決問題以及適應充滿挑戰的新環境」。
4. 根據題幹，我認為 their 也是合理的答案。若再空格 47 處填寫 their，此處 their 對應上文 jackdaws 與 turtle ants，且語意通順（使用他們的智慧）。their 出現在 turtle ants 介紹段落的最後一句 By working collectively, the ants are able to improve the efficiency of their network and adapt to their ever-changing environment.。
5. 根據題幹敘述第三行處：the operations underlying their responses 應也可作為解釋第 47 題：are able use underlying intelligence in...，故 underlying 應也可作為正確答案。
6. strategic 是否能給予分數？在螞蟻文章第 3 行提到 strategies 這個字，將它稍作字形變化作為形容詞（策略上的），亦能符合全文文意。
7. 根據 Merriam-Webster 字典，social 一詞可解釋為 tending to form cooperative and interdependent relationships with others，以及 living and breeding in more or less organized communities especially for the purposes of cooperation and mutual benefit 等。而選文中提到 Instead of paying attention to all the other members and following the group pattern, they now focus only on the birds within a fixed distance from them, based on information coming from other members.（左欄文章），The trails connect the ants' colonies and sources of food, forming a sort of communication network.以及 Often they have to work together to explore alternative routes many times...（右欄文章），兩種動物都有與同種動物間合作的能力，並獲得好處

(避免被追擊以及重新尋找食物)，符合 **social** 的解釋，且 **social** 出現在左欄第三行。就本題目在作答時所獲取的資訊而言，希望可以開放 **social** 為答案之一，表示運用了同一種動物間合作的智慧。

8. 本題應該開放 **social** 為答案。理由：(1) **social** 在文章中有出現 (They are highly social birds and often travel in large flocks.)，且詞性、文法上沒有問題；(2) **social intelligence** 可用來指稱動物的行為，且指的是動物和團體互動的能力，其中便包括「藉由溝通來調整自己行為的能力」(如 jackdaws 觀察同伴的信號(the information from others)，還有 turtle ants 偵測同伴的 pheromone)，因此 **social intelligence** 可用來指稱動物的此種能力；(3) 網路上，期刊上成可見到此種用法。
9. 目前網路上關於第 47 題的答案，大多數人認定的解答為 **collective**，但我認為 **animal** 也可作為正解。根據 American Psychology Association，**animal intelligence** 的定義為 the various abilities of nonhuman animals to solve problems in their environment through mechanisms of learning and animal cognition，而第 47 至 50 題的文章內容與第 47-48 題的題目敘述都有提及 solving problems 和 adapting to new challenging environment。若第 47 題填入 **animal**，則 47-48 題目敘述的句子即可被完整解讀，且後面的 both solving problems and adapting to new challenging environment 便是在解釋 **animal intelligence**，是非常合適的解答，此句子也符合全文文意，並無任何語意不正確或不清的可能性。因此，我認為 **animal** 應也可成為第 47 題的解答之一。
10. 該格答案可為 **their**，“their”出現在介紹 turtle ants 段落中最後一句的倒數第三個單詞，放進題幹文意通順無誤。
11. 該題提及動物間利用 _____ intelligence 解決問題，參考答案為 **group** 或 **collective**。但若填寫 **social**，亦應屬語意完整，語法正確，符合文意之解答。在 2007 文獻中 (The evolution of animal “cultures” and social intelligence) 中探討動物文化與社會智慧之間有強烈依賴關係。文化為生活方式之概括，社會智慧為群體中個體間相互學習的成果。動物以社會智慧 (social intelligence) 學習如何解決問題，適應環境變遷，與文意相符，建議予以給分。

意見回覆：

1. 第 47-48 題之作答提示開頭就說明「下列簡短敘述摘記上方文章重點」，旨在評量考生是否能掌握全文重點與要旨，作答線索在於掌握本文主旨句 Over the years, people have been curious about the way they deal with **disturbances** arising from the environment, and the operations underlying their responses as a group. 根據此作答提示，本題答案須合乎摘記上方 (包括左、右兩個文本) 文章重點，掌握文本共同強調的重點大意，而非任何在文本中提及的細節；而兩個文本的重點都在強調用「群體智慧」對周遭環境的變遷做出應變 (Studies on jackdaws and turtle ants may provide some insights into the issue.)。文本中 By working collectively, the ants are able to improve the efficiency of their network and adapt to their ever-changing environment. 更呼應本文主旨句，提供本題作答的關鍵訊息。

2. 感謝來函。非選擇題評分原則將於 02 月 19 日（一）公布於本會大考中心網站，較詳細的評分標準說明與考生作答情形分析，請參閱本會大考中心將於 04 月 15 日（一）出刊的第 342 期《選才電子報》。

題號：50

第 47 至 50 題為題組

Many animals are known to live and move in groups to secure food and avoid predators. Over the years, people have been curious about the way they deal with **disturbances** arising from the environment, and the operations underlying their responses as a group. Studies on jackdaws and turtle ants may provide some insights into the issue.



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50. What is the “**disturbance**” for jackdaws mentioned in the passage? (簡答，2分)

意見內容：

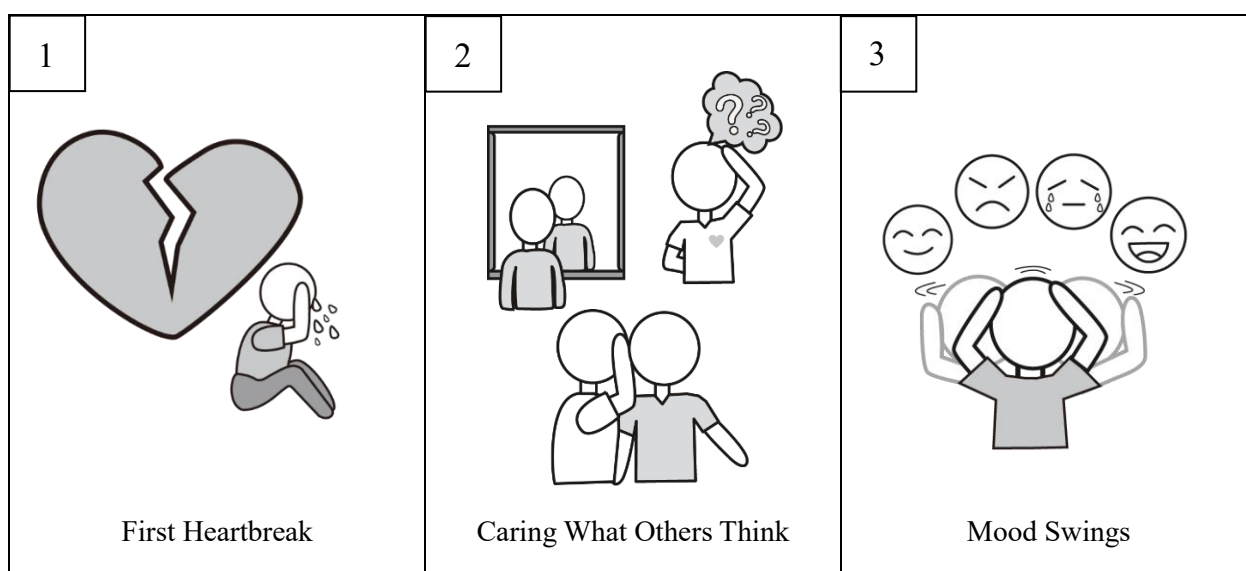
1. 若回答 crashing into each other while they flee from the predator 是否亦為合理答案？根據第一段敘述可知此 disturbance 需要有的特性涵蓋：(1) arising from the environment；(2)必須被動物們 deal with。而根據不同字典對於 disturbance 的解釋，jackdaws 所面對的 disturbance 確實來自捕食者（predator, such as a fox），完全符合來自環境的特性。然而，為了深入理解 jackdaws 為何演化出特殊的逃避方式，回答可進一步解釋在物種層面的角度，即為 crashing into each other while they flee from the predator。這樣的回答更全面詮釋了文章主旨，即 the way they deal with disturbances arising from the environment。
2. (1)題目 What is the “disturbance” for jackdaws mentioned in the passage?中所提及之 for jackdaws，其語意有將其範圍限縮為 jackdaws 此物種之針對性。故，本人認為閱讀短文題幹中之 predator，實則意旨其後括號內之 “such as a fox”為標準答案之一。(2)如果大考中心公布之標準答案為 “a predator/predators”，那麼短文題幹中所述之 disturbance 應是泛指各類物種之 predators。換言之，在題目中則無須加上 “for jackdaws”字眼，直接寫出 What is the “disturbance” mentioned in the passage?即可。(3)承上說明，本人認為此題答案應將 “a fox/foxes”納入計分，方為顧及與本人對此短文題幹語意具有相同解題思考作答之考生權益。。
3. (1)經查該題目之文章部分概以...if a predator (such as a fox) is present, the pattern of their flight will change immediately 敘述，題幹則要求寫出 What is the “disturbance” for jackdaws mentioned in the passage?。(2)若考生參酌文章中之實例，並據以作答，字不能僅以 predators 作為標準答案，應從寬採認包括但不限於 such as a fox、fox 等給分。(3)現行課綱教育學生應以多元面向思考、解題，惟考生若以主觀視角作答，且言之有物、符合題意並顯見考生之答案有理，仍應參酌給分。

意見回覆：

感謝來函。非選擇題評分原則將於 02 月 19 日（一）公布於本會大考中心網站，較詳細的評分標準說明與考生作答情形分析，請參閱本會大考中心將於 04 月 15 日（一）出刊的第 342 期《選才電子報》。

題號：英文作文

提示：這個世代的青少年除了有課業壓力外，生活上也常面對一些困擾與挑戰。下列三張圖分別呈現青少年經常遭遇的三種問題，如果你有一個機器人小幫手可以幫你解決其中一個問題，你會選擇哪一個？請寫一篇英文作文，文分兩段，第一段說明你最想解決哪一個問題，並解釋原因。第二段說明你希望這個機器人小幫手具備什麼特質或能力、可以如何和你分工合作來解決此問題。



意見內容：

1. 本次英文作文題目提及的三個問題中，關於第二格 **Caring What Others Think**，大多數解讀為「過度在意他人看法」，我及其他部分考生則認為可解讀為「不在意他人想法」。單就題意而言，題目敘述的意思是「以下三張圖示青少年常遭遇的三種問題」，故我們認為三張圖便是單純在敘述問題類型。以第二張圖 **Caring What Others Think** 來說，即是指「青少年在『在意他人看法』這件事上面臨了困難與挑戰」。而人屬於複雜的生物，人與人之間交際的複雜性也不可而喻，我們認為在「在意他人看法」這件事上可能會遇到的困難不只有大眾第一直覺反應的「過度在意」，還有我與其他部分考生想到的「應在意，卻不在意」。題目中並沒有針對這三個問題多作解釋，均只有附上以英文寫的問題類型以及圖片，屬於中性的題目敘述，故考生應有各自解釋的空間。
2. 有關作文題目提及的三個問題中，對於第三格 **Mood Swings**，我與其他同學討論過後發現，有部分同學對於此題的看法是「情緒轉換過快」，但我認為此題也可以被理解為「情緒難以轉換」。首先單以題目來說，其敘述是「以下三張圖示青少年常遭遇的三種問題」，故我們認為三張圖便是單純在敘述問題類型，且其只用單字及一張圖片來說明，並無多加 **Mood Swings Fast** 或者 **Mood Hardly Swings** 等細節描述。就第三張圖 **Mood Swings** 來看，有可能是只「青少年在『情緒轉換』這件事上面臨了困難與挑戰」，但我們無法單就題目得知究竟是轉換「過快」還是轉換「過慢」。因此我認為此題考生若解讀為「情緒難以轉換」或「情緒轉換過快」皆應給予正常的評分方式，而不該被認為是偏題寫作。最

後，題目中並沒有對這三個問題多作解釋，均只有附上以英文寫的問題類型以及圖片，屬於中性的題目敘述，故考生應有各自解釋的空間。

3. 茲因大考中心未公布英文寫作參考解答，並參考多家解題機構後提出此問題，若本次英文作文中，學生選擇書寫 **Caring What Others Think**，但題目並未述明是「在乎別人怎麼想」或是「在乎別人怎麼想自己」，且在題意及圖片無法有效區別的狀況下，請問以上兩個理解方式是否都正確或是部分有離題或理解錯誤的狀況呢？
4. 學測英文作文 **first heartbreak**，是否能用原意為「第一次心碎」，針對人、事、物去撰寫，而不是以狹義的「第一次失戀」去撰寫？

意見回覆：

1. 英文作文評量考生根據作答提示，完成寫作任務之要求。評閱時依考生寫作內容、組織、文法句構、字彙拼字之表現評分；閱卷委員評閱重點在於檢視考生作答內容是否切題完整、組織是否具連貫性、句子與字詞是否適切表達文意、拼字與標點符號使用是否正確等要項。
2. 感謝來函。非選擇題評分原則將於 02 月 19 日（一）公布於本會大考中心網站，較詳細的評分標準說明與考生作答情形分析，請參閱本會大考中心將於 04 月 15 日（一）出刊的第 342 期《選才電子報》。