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113年度統測試題研討會

共同科目英文

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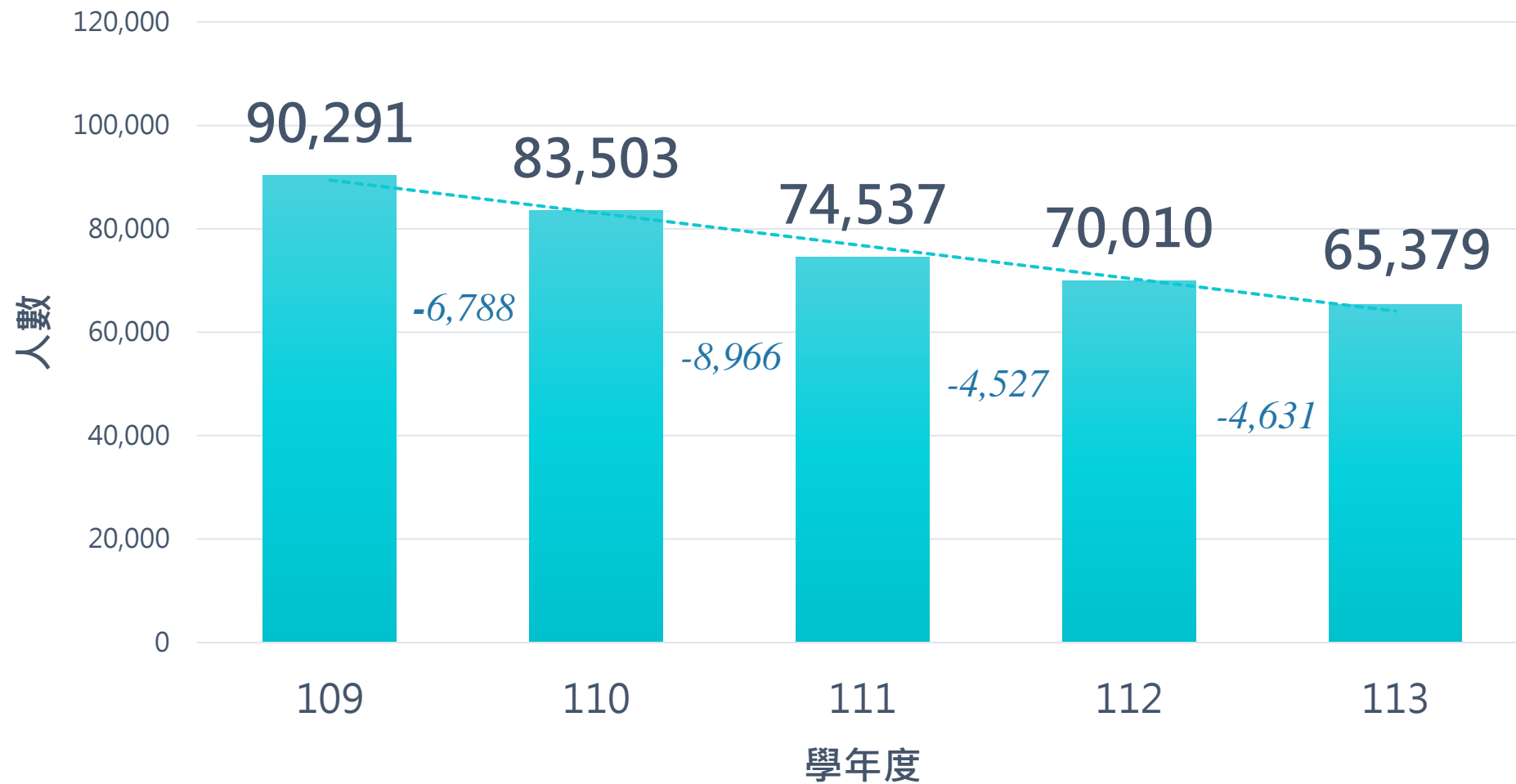
01

整卷分析

- 到考人數
- 施測結果分析
 - 相關參數、成績分布圖
- 109-113學年度平均分數

歷年到考人數

109-113學年度到考人數



65,379
113學年度到考人數

施測結果分析

選擇題42題 (84分) + 非選擇題3題 (16分)
= 滿分100分

113學年度

平均分數
(整卷)

46.84

標準差
(整卷)

23.97

信度
(選擇題)

0.9221

極值
(整卷)

0,100

112學年度

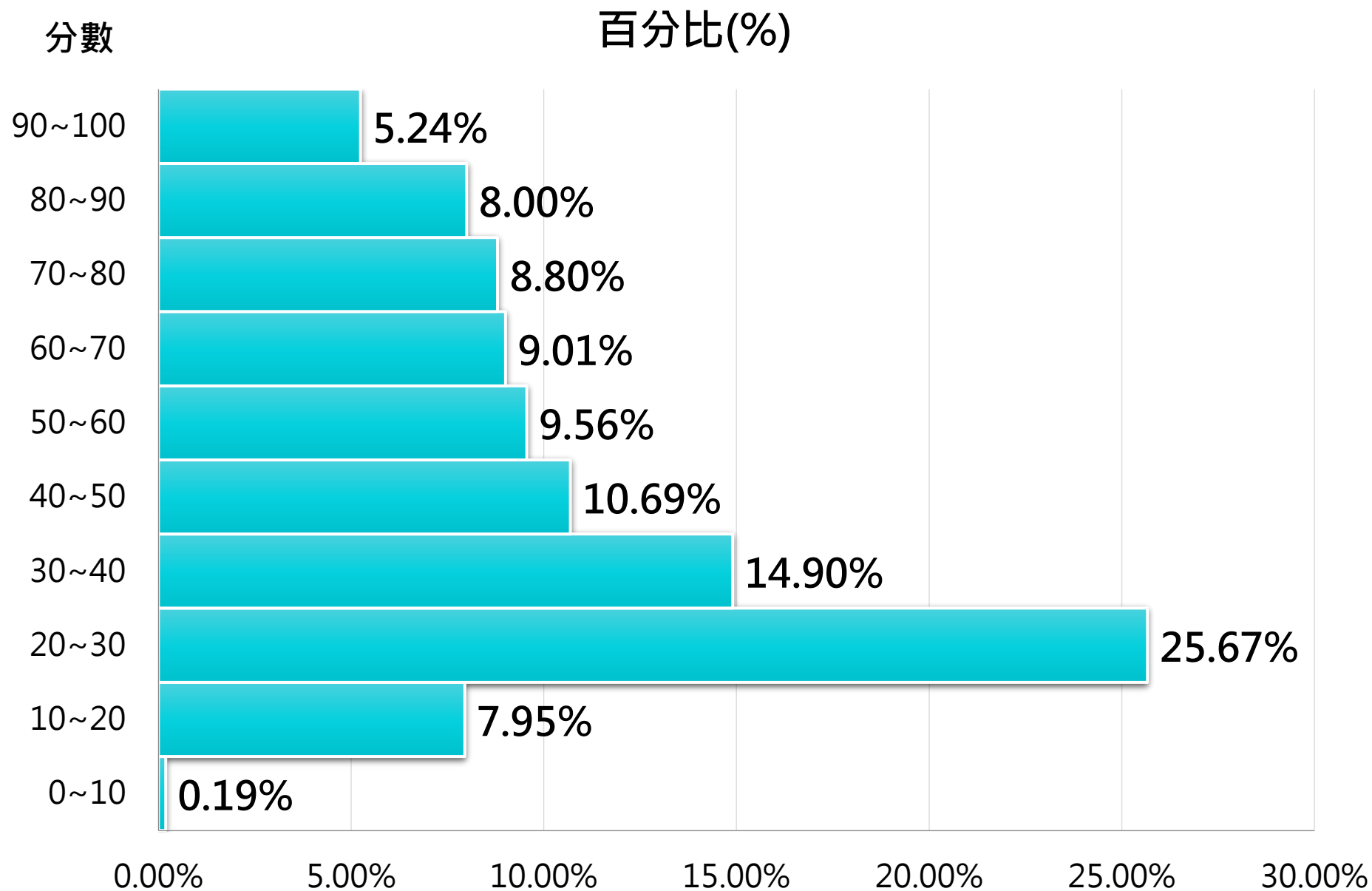
43.50

21.62

0.9063

0,100

施測結果分析



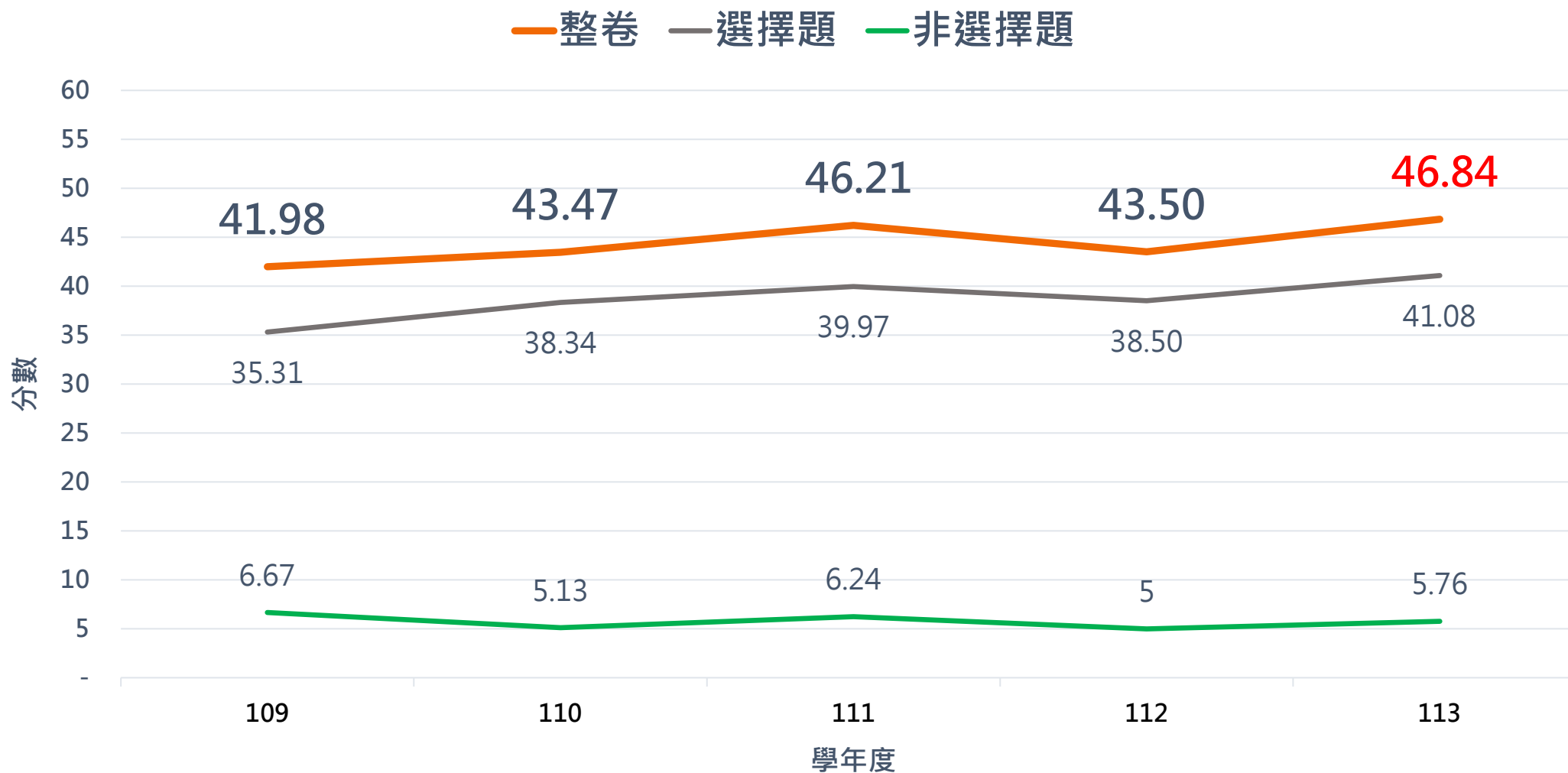
113學年度
共同科目英文
平均分數：**46.84**



歷年平均分數

109-113學年度平均分數

學年度	選擇題	非選擇題
109、110	82 分	18 分
111 迄今	84 分	16 分



02

評量架構



評量架構 (選擇題)

測驗內容	題數	小計(配分)
一、語言知識	20	40
二、溝通功能	13	26
三、文化與習俗	1	2
四、思考能力	8	16
合計	42	84

03

難度及鑑別度分析

- 試題分析指標的涵義
- 難度與鑑別度交叉表

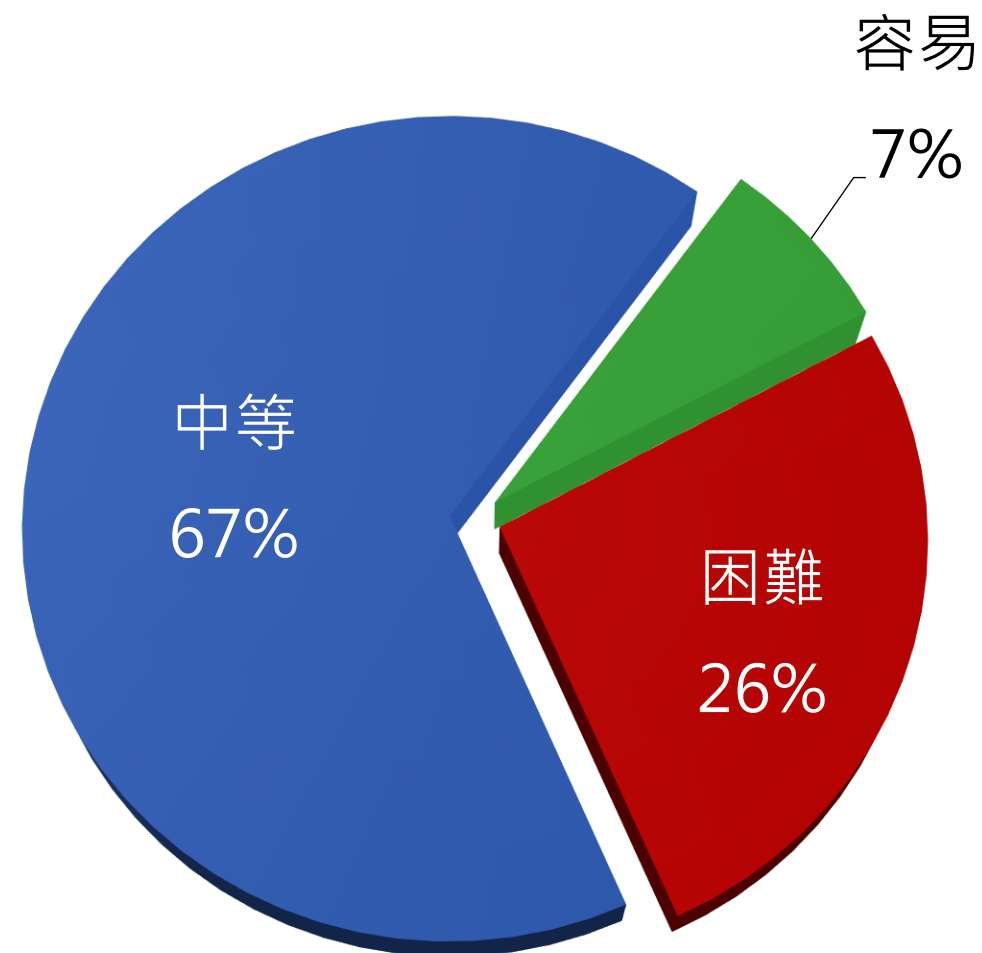
💡 試題分析指標的涵義－難度

CTT難度計算，以通過率（P值）為指標。

難易度	難易度等級
$P < 0.4$	困難
$0.4 \leq P < 0.7$	中等
$0.7 \leq P$	容易



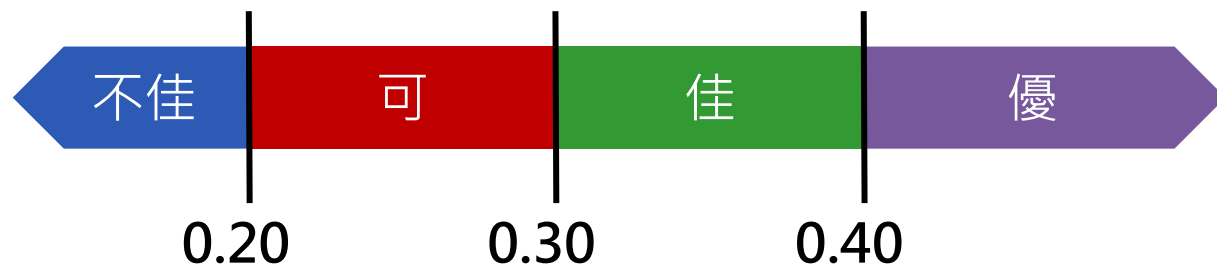
CTT難度圓餅圖 (選擇題)



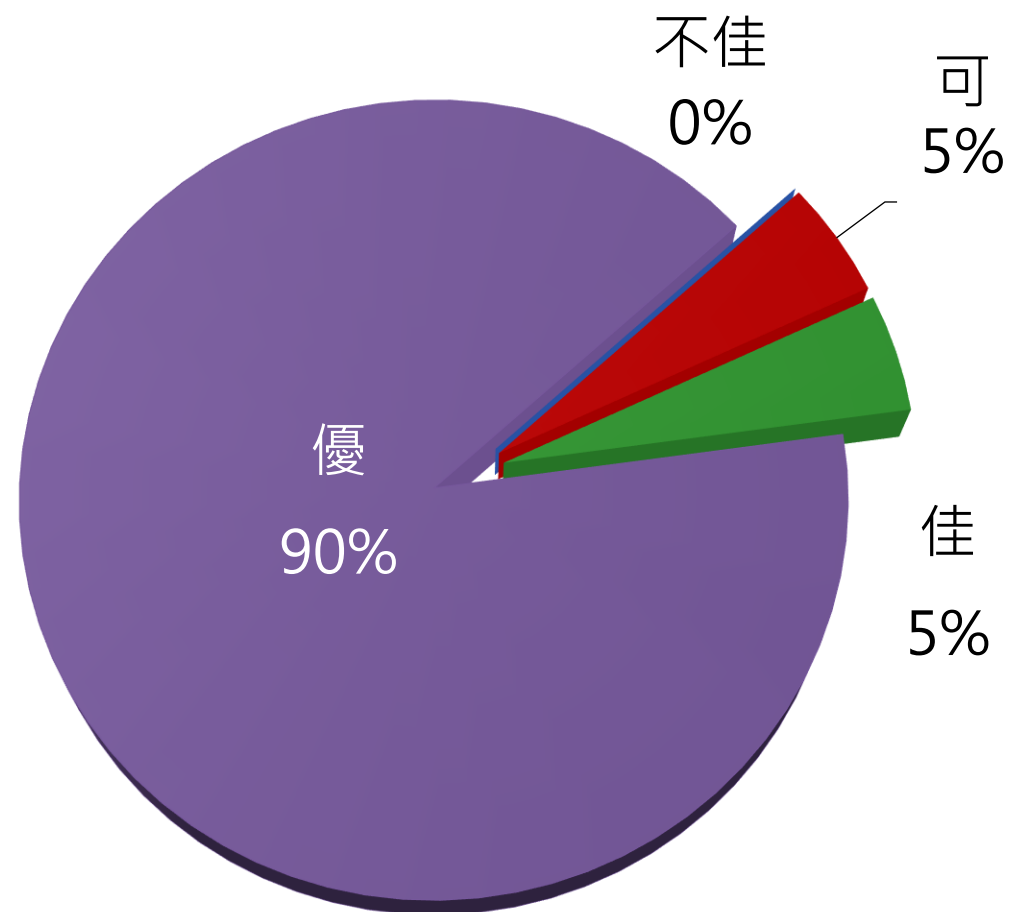
💡 試題分析指標的涵義－鑑別度

CTT鑑別度計算，以高、低分組通過率之差距（D值）為指標。

鑑別指數	試題評鑑
$D < 0.2$	不佳
$0.2 \leq D < 0.3$	可
$0.3 \leq D < 0.4$	佳
$0.4 \leq D$	優



CTT鑑別度圓餅圖 (選擇題)



💡 難度與鑑別度交叉表（選擇題）

		難度		
		困難	中等	容易
鑑別度	不佳			
	可	5,42		
	佳	8	22	
	優	4,6,7,9,15,16,21,36	1,2,3,10,13,14,17,18,19,20,23,24,25,26,27,28,29,30,31,32,34,35,37,38,39,40,41	11,12,33

04

題例說明

依試題特色，舉例如下：

鑑別度優：

第10、20、23、30、32題。

難度困難：

第16、36、42題。

難度容易：

第33題。

本年度無鑑別度不佳之試題。



鑑別度

優良
試題

I. 字彙題，第10題：

10. It is against the law for drivers not to stop at the crosswalk and allow walkers to cross first. If drivers do so, they will be fined.
(A) illegal (B) national (C) political (D) unusual

通過率 0.41 (難度中等)

鑑別度 0.66 (鑑別度優)

正確答案為 (A)



鑑別度

優良
試題

字彙題 第10題 作答狀況

選項	A*	B	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	41.31	19.44	23.15	16.06	0.04	0.41	<u>0.66</u>
高分組 (選答比例)	<u>82.59</u>	1.76	11.52	4.13	0.01		
低分組 (選答比例)	<u>16.48</u>	32.92	30.89	19.58	0.14		



鑑別度

優良
試題

II. 對話題，第20題：

20. Jack: I got a text message from the hotel. They ask us to click on a link to confirm our reservation.

Lucy: _____ This message seems strange.

Jack: But could it be a new policy? I'm afraid our reservation would be cancelled.

Lucy: Let me call the hotel. It's better to be safe than sorry.

(A) Hey, don't do that.

(B) Just click on it now.

(C) Absolutely, go ahead.

(D) It's a standard procedure.

通過率 0.54 (難度中等)

鑑別度 0.77 (鑑別度優)

正確答案為 (A)



鑑別度

優良
試題

對話題 第20題 作答狀況

選項	A*	B	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	54.21	19.00	15.20	11.54	0.05	0.54	<u>0.77</u>
高分組 (選答比例)	<u>95.99</u>	2.05	0.88	1.08	0.01		
低分組 (選答比例)	<u>18.93</u>	30.67	28.83	21.43	0.14		



III. 綜合測驗，第23題（第21-24題為題組）：

Living on Orchid Island, the Yami (Tao) people are able to keep their traditions going. The best-known tradition is the “flying fish season” of spring and summer. Flying fish 21 as a gift from heaven. During the festival period, the local people have to be very careful of their actions and words in order not to break with traditions. 22 the years, hundreds and thousands of tourists have visited Orchid Island every flying fish season. Many tourists have shown a lack of respect for local customs. Therefore, residents keep reminding tourists to avoid 23. One thing tourists should not do is touching the fishing boats when taking pictures. Traditionally, Yami (Tao) women and outsiders are not allowed to touch the fishing boats. 24 thing tourists should not do is entering the backyard of houses where local residents dry their flying fish. Acts of disrespect, according to local fishermen, would bring bad luck. Tourists should remember not to disturb normal life on the island.

23. (A) good manners
(C) spending money

(B) rude behaviors
(D) showing consideration

通過率 0.47 (難度中等)

鑑別度 0.62 (鑑別度優)

正確答案為 (B)

鑑別度

優良
試題



鑑別度

優良
試題

綜合測驗 第23題 作答狀況

選項	A	B*	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	13.54	47.14	18.77	20.47	0.07	0.47	<u>0.62</u>
高分組 (選答比例)	3.39	<u>86.55</u>	1.61	8.45	0.00		
低分組 (選答比例)	20.20	<u>24.69</u>	32.60	22.35	0.17		



IV. 閱讀測驗，第30題（第29-30題為題組）：

Answer the questions based on the following timetable.

Timetable								
Train No.	Operation Day	Taichung	Miaoli	Hsinchu	Taoyuan	Banqiao	Taipei	Nangang
1510	Mon ~ Fri	07:12	07:31	07:45	07:58	08:10	08:21	08:30
802	Daily	07:25	07:45	07:58	08:10	08:22	08:32	08:40
1202	Mon ~ Fri	07:21	—	—	—	—	08:07	08:15
1602	Mon ~ Fri	07:40	—	08:05	08:18	08:31	08:42	08:50
1302	Mon ~ Fri	07:53	—	—	08:27	—	08:47	08:55
204	Daily	07:48	—	—	—	08:27	08:37	08:45
606	Sat	08:00	—	08:25	08:38	08:51	09:02	09:10

鑑別度

優良
試題



IV. 閱讀測驗，第30題（第29-30題為題組）：

鑑別度

優良
試題

30. Maria is planning to take a train from Taichung to Taipei this Saturday morning. On the way, Denny will join her on the train at Hsinchu. They will be meeting Mr. Lee at Taipei station at 08:50. Which train is her best choice?
- (A) No. 802 (B) No. 1202 (C) No. 1602 (D) No. 606

通過率 0.56（難度中等）

鑑別度 0.74（鑑別度優）

正確答案為 (A)



鑑別度

優良
試題


閱讀測驗 第30題 作答狀況

選項	A*	B	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	55.55	8.27	20.31	15.81	0.07	0.56	<u>0.74</u>
高分組 (選答比例)	<u>91.57</u>	0.25	4.63	3.54	0.01		
低分組 (選答比例)	<u>17.20</u>	21.27	37.77	23.58	0.18		



IV. 閱讀測驗，第32題（第31-32題為題組）：

After the 2022 Asian Games, Minhua, Yating, and Fuhao are motivated to join the University Student Sports Clubs. Answer the questions based on the poster below.

CLUB	HOW TO PLAY	PRACTICE TIME
Badminton	Two or four people hit a shuttlecock over a high net.	Evening on Fridays
Basketball	Two teams score points by throwing a large ball through an open net.	Evening on Tuesdays and Saturdays
Cycling	An individual rides a bicycle.	Morning on Thursdays
Rugby	Two teams score points by carrying an oval ball across a particular line.	Evening on Saturdays
Swimming	An individual moves through water by moving the body.	Evening on Mondays
Weightlifting	An individual lifts heavy objects as a sport.	Evening on Tuesdays and Fridays
		

鑑別度

優良
試題



IV. 閱讀測驗，第32題（第31-32題為題組）：

鑑別度

優良
試題

32. Fuhao works in the evening on Mondays and Tuesdays. Which clubs is he likely to join?
- | | |
|------------------------------------|---|
| (A) Badminton, Cycling, Rugby | (B) Basketball, Swimming, Weightlifting |
| (C) Rugby, Weightlifting, Swimming | (D) Cycling, Basketball, Badminton |

通過率 0.44（難度中等）

鑑別度 0.59（鑑別度優）

正確答案為 (A)



鑑別度

優良
試題

閱讀測驗 第32題 作答狀況

選項	A*	B	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	44.10	36.11	11.51	8.22	0.07	0.44	<u>0.59</u>
高分組 (選答比例)	<u>75.04</u>	23.69	0.56	0.72	0.00		
低分組 (選答比例)	<u>16.31</u>	38.42	27.96	17.14	0.16		

題例說明

難度困難：
第16、36、42題。



II. 對話題 · 第16題：

16. Rita: Why did you apply for this position?
Ben: I'd like to work for a large company. Your company is the perfect fit for me.
Rita: In this position, you'll have to lead a small team. How have you shown leadership at your other jobs?
Ben: _____
Rita: That's good.
(A) I worked for my team leader in the past ten years.
(B) I'd like to apply for a perfect job in a smaller team.
(C) From now on, I'll lead a team in this large company.
(D) At my current position, I manage a team of ten workers.

通過率 0.31 (難度困難)

鑑別度 0.43 (鑑別度優)

正確答案為 (D)

難度

困難
試題



難度

困難
試題

對話題 第16題 作答狀況

選項	A	B	C	D*	未答	CTT 難度	CTT 鑑別度
選答比例	26.51	20.94	21.88	<u>30.57</u>	0.09		
高分組 (選答比例)	26.18	8.95	5.96	58.87	0.03	<u>0.31</u>	0.43
低分組 (選答比例)	22.89	30.70	30.34	15.89	0.18		



IV. 閱讀測驗，第36題（第36-38題為題組）：

Jensen Huang (黃仁勳) is the chief executive of NVIDIA, a leading company that makes chips used in artificial intelligence (AI). In 2023, Huang was listed among the 100 most influential people in AI. An inspiration to many, Huang encourages young people to seize the opportunities that AI will present. Meanwhile, he reminds them to take a positive attitude towards challenges.

In a speech to university graduates in Taiwan last year, Huang shared two important lessons he has learned in the past three decades. The first lesson is not to be discouraged by failure. In 1996, his company nearly closed down due to rapid changes in the industry. They soon realized that they had made a mistake, and Huang humbly asked a major customer for help. With the customer's support, the company moved on to invent the chip that led to their future success. Huang's advice is to always honestly face your mistakes and seek help.

The second lesson is to keep going despite difficulties. In 2007, the company made an expensive investment on product improvements. The new products were not selling well for many years until they started being used for machine learning. The experience taught Huang and his colleagues to handle the pain and suffering needed to achieve their vision. Their continued efforts help build NVIDIA into a global leader in AI technologies.

Huang's life story is also about **pushing oneself to do better**. Born in Taiwan, Huang moved to the United States at the age of nine. He later earned two engineering degrees before working for two chip companies. In 1993, on his 30th birthday, he and two friends founded NVIDIA. Today, Huang often advises students to live a life of purpose, and to run, not walk, towards their goals.

難度

困難
試題



IV. 閱讀測驗，第36題（第36-38題為題組）：

難度

困難
試題

36. What is the main idea of this passage?
- (A) How to come up with a speech
 - (B) How to succeed in chip making
 - (C) How to seize opportunities in AI
 - (D) How to deal with difficult situations

通過率 0.33（難度困難）

鑑別度 0.56（鑑別度優）

正確答案為 (D)



難度

困難
試題

閱讀測驗 第36題 作答狀況

選項	A	B	C	D*	未答	CTT 難度	CTT 鑑別度
選答比例	11.78	20.34	34.65	<u>33.13</u>	0.10		
高分組 (選答比例)	3.53	13.65	11.34	71.46	0.01	<u>0.33</u>	0.56
低分組 (選答比例)	18.11	25.56	41.10	15.00	0.24		



IV. 閱讀測驗，第42題（第39-42題為題組）：

On October 9, 2023, Triton, the first weather satellite made in Taiwan successfully entered space. It is also the fourth satellite in the world to use GNSS-R instrument to collect weather data. Its purpose is to help us predict the weather more accurately.

This satellite is named after Triton, an ancient Greek god of the sea. The sea god commands the wind and waves. The satellite Triton is able to gather such data as wave heights and sea wind speeds. Triton uses a technique that collects signals **reflected** from the Earth's surface. It carries GNSS-R instrument to receive signals which are sent back from sea surfaces. The calmer the sea, the stronger the signal, indicating weaker winds. This information is valuable as wind speed data is not easy to collect. Such information improves the prediction of typhoon strengths and movements. Triton observes weather changes mainly in the Atlantic Ocean, Indian Ocean, and central Pacific Ocean.

Triton, started in 2014, is the fruitful cooperation between Taiwan Space Agency (TASA) and local companies. TASA developed GNSS-R instrument and key components such as the Onboard Computer and GPS Receiver. More than 20 local research groups and manufacturers participated in developing the ground station equipment. The satellite is 82% developed and produced in Taiwan.

Now that Triton is in space, we can expect it to provide more accurate information and support disaster prevention. The success of Triton contributes to global weather forecasting. It is also an important step forward for Taiwan's space engineering.

Triton: 獵風者氣象衛星

TASA: Taiwan Space Agency 國家太空中心

GNSS-R: Global Navigation Satellite System-Reflectometry 全球導航衛星系統反射訊號接收儀

難度

困難
試題



IV. 閱讀測驗，第42題（第39-42題為題組）：

難度

困難
試題

42. Which of the following can be inferred from the passage about the contribution of Triton?
- (A) It helps reduce damage caused by bad weather.
 - (B) It improves the speed and strength of typhoons.
 - (C) It connects the Atlantic Ocean and Indian Ocean.
 - (D) It measures the heights of satellites from sea surfaces.

通過率 0.29（難度困難）

鑑別度 0.28（鑑別度可）

正確答案為 (A)



難度

困難
試題

閱讀測驗 第42題 作答狀況

選項	A*	B	C	D	未答	CTT 難度	CTT 鑑別度
選答比例	<u>29.31</u>	25.67	23.69	20.82	0.52		
高分組 (選答比例)	45.64	19.88	12.80	21.51	0.18	<u>0.29</u>	0.28
低分組 (選答比例)	17.35	29.35	32.86	19.52	0.92		

題例說明

難度容易：
第33題。



IV. 閱讀測驗，第33題（第33-35題為題組）：

Lina is planning a trip and comparing two hotels in a tourist spot. Answer the questions based on the information below.

	<i>Cruise Hotel</i>	<i>Universe Hotel</i>
Facilities	Fitness center Indoor car parking Restaurants	Business center Outdoor pool Gift shop
Services	Free airport shuttle Laundry service Free Wi-Fi	24-hour room service Free Wi-Fi Car rental service
Distance from tourist attractions	Sunset Beach (1 km) Theme Park (6 km) Art Museum (8 km)	Art Museum (2 km) Theme Park (16 km) Sunset Beach (20 km)
Room rates	Single: NT\$ 2,700 Double: NT\$ 3,600 Triple: NT\$ 5,200	Single: NT\$ 1,800 Double: NT\$ 2,400 Triple: NT\$ 3,500

難度

容易
試題



IV. 閱讀測驗，第33題（第33-35題為題組）：

難度

容易
試題

33. Which facility or service is provided by both hotels?

(A) Outdoor pool

(B) Business center

(C) Free Wi-Fi

(D) Laundry service

通過率 0.76（難度容易）

鑑別度 0.58（鑑別度優）

正確答案為 (C)



難度

容易
試題

閱讀測驗 第33題 作答狀況

選項	A	B	C*	D	未答	CTT 難度	CTT 鑑別度
選答比例	6.48	9.55	<u>75.94</u>	7.96	0.08		
高分組 (選答比例)	0.04	0.19	99.59	0.18	0.00	<u>0.76</u>	0.58
低分組 (選答比例)	16.01	24.23	41.82	17.69	0.25		

05

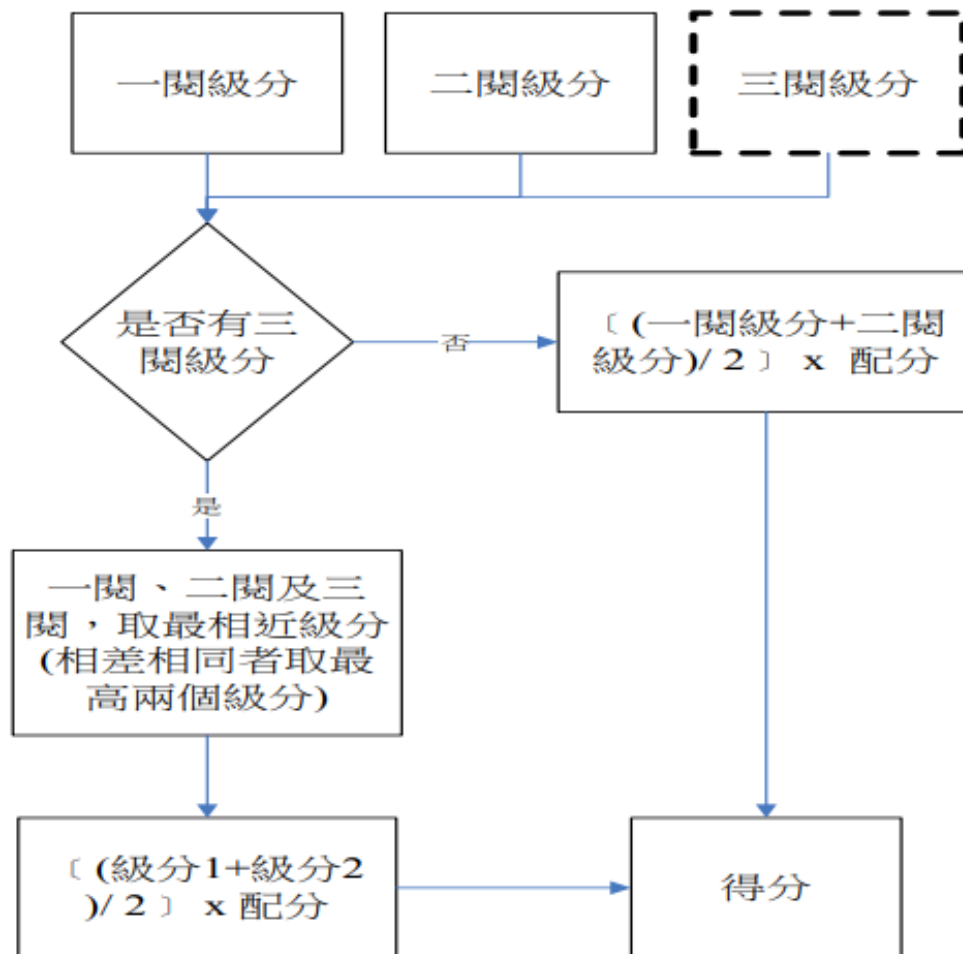
非選擇題



四技二專統一入學測驗共同科目英文科非選擇題型閱卷流程

共同科目英文科非選擇題型以電腦管理閱卷流程，並採線上閱卷，分為一閱、二閱及三閱（如下圖）。考生作答結果經一閱、二閱後，若兩閱同級分或相差一級分，則取其平均值做為非選擇題級分；若兩閱相差兩級分或以上，則進行三閱，並以三者（一閱、二閱、三閱）中差距最小的兩個級分的平均值做為非選擇題級分。

閱卷流程





試題及 評分說明 (填充)

I. 填充

本題型評量考生正確運用英文字彙及拼寫的能力。考生須根據中文題意，在英譯句子的兩個空格裡，依提示之字首，依序填入與中文（「比較喜歡」、「錢包」）相對應之英文單字。每格正確得 2 級分，兩格皆正確得 4 級分。

1. 你比較喜歡用現金付款或是電子錢包？

Would you p ① to pay by cash or with an electronic w ② ?

◆ 參考答案：

① prefer

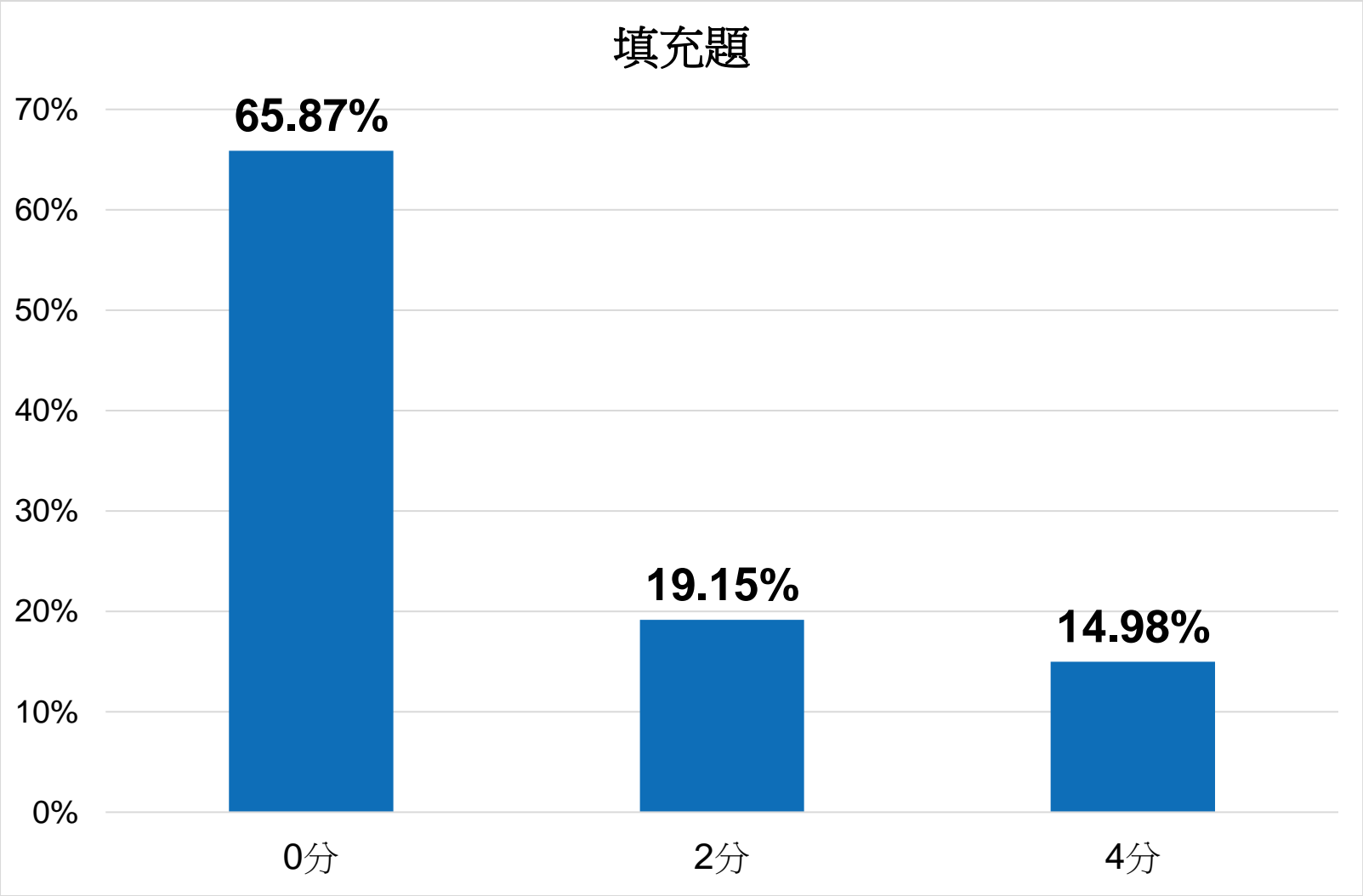
② wallet

◆ 評分說明：

級分	評分說明
4	兩個空格皆正確。
2	僅一個空格正確。
0	兩個空格皆錯誤。



成績分布
(填充)





試題及 評分說明 (句子重組)

II. 句子重組

本題型評量考生掌握英文語法的能力。考生須依正確的英文語法，將分割的字詞，重組成正確、通順、達意的英文句子。

2. work on / to see that / It is good / solving pollution problems / more people

◆ 參考答案：

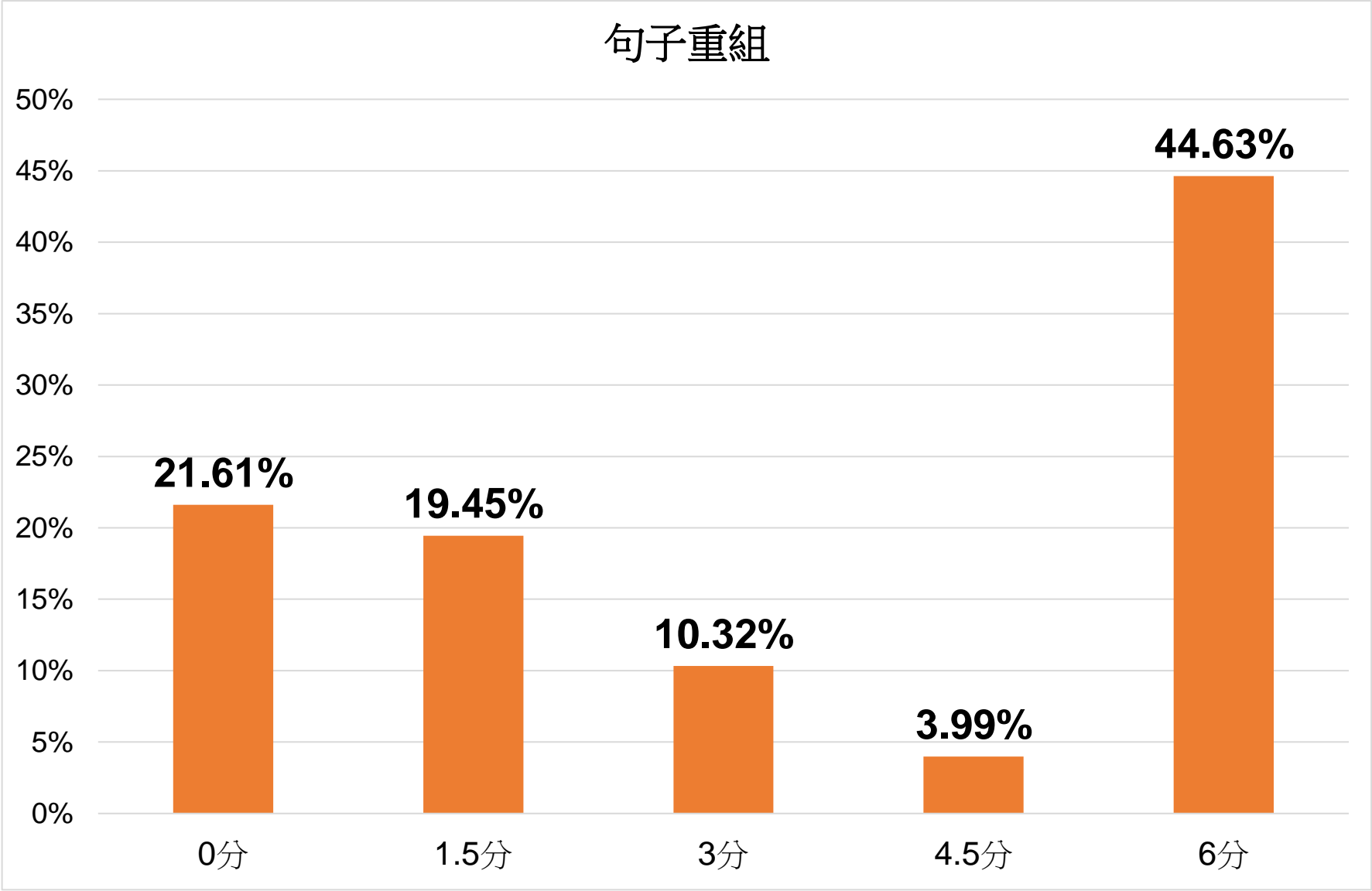
It is good to see that more people work on solving pollution problems.

◆ 評分說明：

級分	評分說明
4	所有字詞組合正確，且拼字、大小寫及標點均無誤。
3	(1) 所有字詞組合正確，但有拼字、字詞增減或標點錯誤。 (2) 多數字詞組合正確，且無拼字、字詞增減或標點錯誤。
2	(1) 多數字詞組合正確，但有拼字、字詞增減或標點錯誤。 (2) 半數字詞組合正確，且無拼字、字詞增減或標點錯誤。
1	(1) 半數字詞組合正確，但有拼字、字詞增減或標點錯誤。 (2) 少數字詞組合正確，且無拼字、字詞增減或標點錯誤。
0	(1) 少數字詞組合正確，但有拼字、字詞增減或標點錯誤。 (2) 所有字詞組合錯誤。 (3) 只抄引導文字、題目或其他試題。 (4) 空白（未書寫文字）。 (5) 同時書寫兩組答案。



成績分布
(句子重組)





試題及 評分說明 (中譯英)

III. 中譯英

本題型評量考生運用適當詞彙及英文句型結構的翻譯能力。考生須將中文句子譯成正確、通順、達意的英文。

3. 一些專家說今年將比去年更熱更潮濕。

◆ 參考答案：

例如：Some experts say (that) this year will be hotter and wetter than last year.

Some A few	experts professionals specialists	say	(that) this year	will be/become/get would be/become/get is going to be/become/get is becoming/getting is / becomes / gets	hotter warmer	and	wetter damper moister more humid	than last year.
		said		would be/become/get was going to be/become/get				



試題及 評分說明 (中譯英)

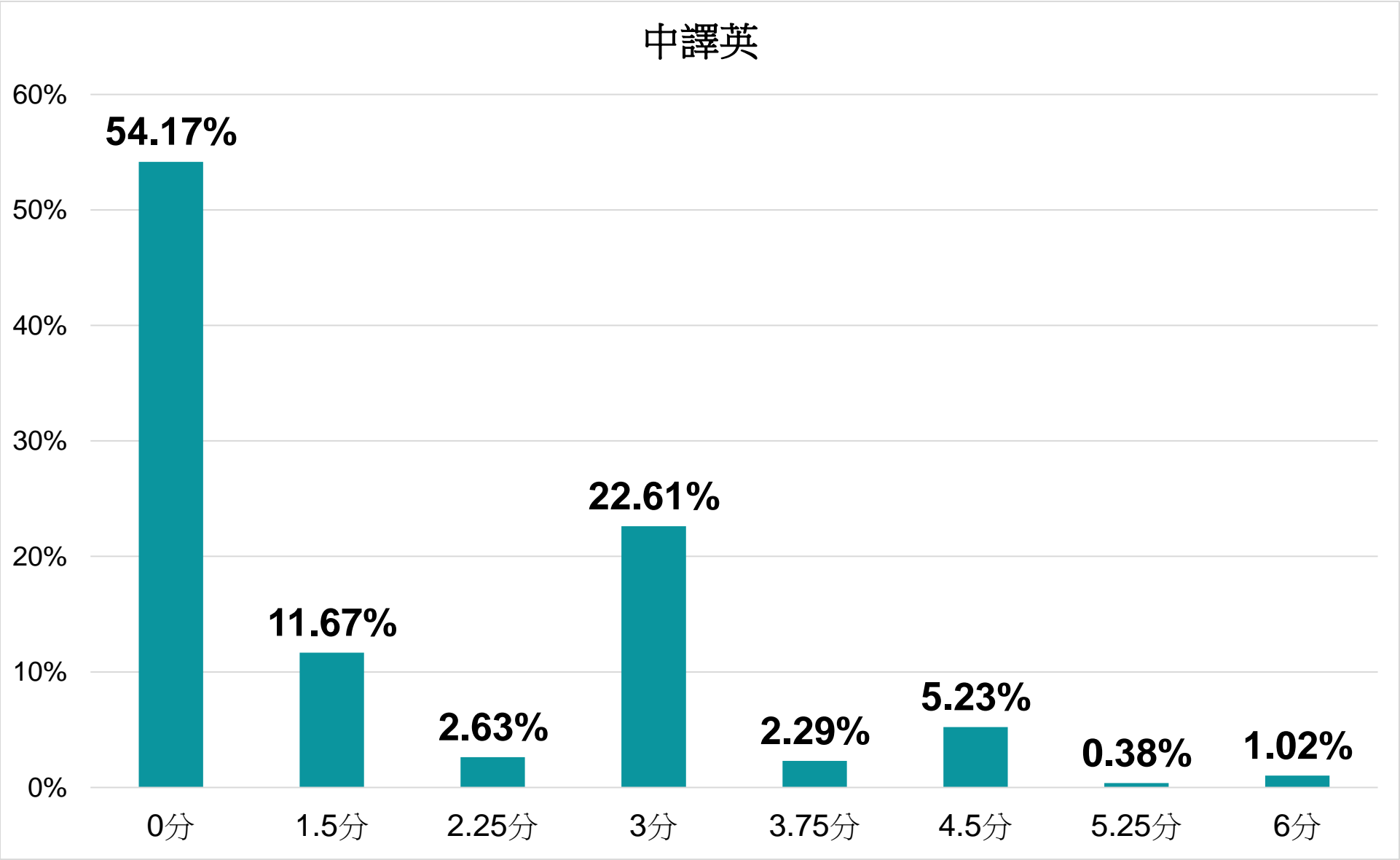
(續上頁)

◆ 評分說明：

級分	評分說明
4	能充分表達原文題意，文法、標點正確，用字遣詞沒有不當之處。
3	能適切表達原文題意，文法、標點、用字遣詞僅有少數不當之處。
2	僅能部分表達原文題意，文法、標點、用字遣詞有多處失當之處。
1	無法表達原文題意，文法、標點、用字遣詞僅有少數正確之處。
0	(1) 空白（未書寫文字）。 (2) 文字瑣碎、形同未答。 (3) 只抄題目或其他試題。 (4) 內容完全離題或錯誤。 (5) 同時書寫兩組答案。



成績分布
(中譯英)





◎ 113 學年度考生答題常犯錯誤及作答注意事項：

考生答題常犯錯誤 及作答注意事項

序號	常犯錯誤	考生作答注意事項
1	拼寫英文字詞時，大、小寫不分。	務必檢查單字之大、小寫是否正確無誤。
2	書寫單字時，字彙間缺乏適當間隔，導致難以辨識。	書寫單字時，字彙間保留適當間隔，避免出現整段文字毫無間隔地連續書寫。
3	英文單字字母書寫潦草，難以辨識，如 u/n、t/e、c/l、w/m、f/t、r/v、r/n 及 h/n。	英文單字字母書寫應工整可辨。
4	同時書寫兩組答案，或重複抄寫某些字詞。	根據作答規定，提供一組答案，勿寫下兩組不同的答案。
5	句子重組題自行增減字詞、增加不適當的標點符號，及更改變化字詞。	依據提示的字詞，抄寫、重組成一完整句子，勿自行增減字詞、增加不適當的標點符號，或更改變化字詞。
6	用中文句點取代英文句點。	勿在英文句子中使用中文的標點符號。
7	答案中出現修改擦拭未淨的痕跡。	答案如有塗改，須擦拭乾淨，勿留下與答案無關之書寫痕跡，以確保答案清晰可辨。
8	句子中出現書寫習慣造成的頓點及疑似標點符號。	正確使用標點符號。句子中不可出現書寫習慣造成的疑似標點符號。
9	答案書寫超出作答區。	在規定之答題區內作答。
10	將單字任意拆解。	書寫單字應完整清楚呈現，勿任意拆解。
11	標點符號出現於第二行的開頭。	標點符號勿單獨出現於第二行的開頭。

06

試題評論



一、試題難易度：

與去年相比，整體與去年試題相似，符合領綱。

二、試題特色：

1. 內容取材多元，包括海洋文化、科技應用，高鐵時刻表、社團海報、訂房比較資訊等日常生活主題，貼近考生真實情境。
2. 試題著重理解而不在記憶。對話題主題多元，包含求職對話與生活情境。綜合測驗考點涵蓋基本文法和篇章概念；閱讀測驗文本多樣化，涵蓋三張圖表與兩篇長篇閱讀，符合核心素養導向試題設計。文本貼近學生生活。
3. 非選擇題試題整體難度適中，中翻英測驗基礎比較級使用，整題設計友善。
4. 閱讀文本較去年增加一篇素養題，引導現場教師，在未來教學上更聚焦於閱讀理解而非文法背誦。

來源：全教會

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財團法人技專校院入學測驗中心基金會

謝謝聆聽