

臺北市立成功高級中學 113 學年度第一學期高三國文科

第一次期中考選擇題參考答案

題號	答案	題號	答案
1	B	26	ABD
2	C	27	BC
3	C	28	ABCE
4	D	29	DE
5	B	31	C
6	D	32	A
7	B	33	C
8	A		
9	C		
10	B		
11	A		
12	C		
13	A		
14	D		
15	B		
16	D		
17	A		
18	C		
19	D		
20	A		
21	B		
22	ABC		
23	DE		
24	DE		
25	BC		

臺北市立成功高級中學 3 年級_____班 姓名_____ 座號_____

113 學年度第 1 學期，三年級全，英文科，第 1 次期中考試題 A 卷

(共 16 分)KEY

1. ABABA 6. CBDBC 11. BADDB 16. CADCA
21.BA//BCB 26. DACCD 31.BBADC 36. DBAAB
41.DDCA//A 46.CCBDB 51.ACDC
55. AD 56. AC 57. AB 58. B 59. BE 60. BC 61. C 62. D 63. A 64. E
65. D B C A 69. BCD 72. D 73. C 74. B

75. replicated OR replicating

Vocabulary 8 %

76. stimulate	77. simultaneous
78. digestion	79. properties
80. capacity	81. reign
82. decline	83. realm

片語 4% (一格不只一字)

84. dispose of
85. with investment in
86. fend off(fight against) the approaching(coming)
87. attempts were in vain

88. 2%

To prevent the deadly virus// from spreading, //the government should take preventive measures //and promote the idea(concept) of washing hands more frequently.

In Part A, you will hear several questions or statements. Choose the best response or reply.

- A** 1. This chair doesn't look very sturdy; I'd prefer not to risk sitting on it. (Jul.&Aug. Unit 10)
(A) You're right. It looks like it could break easily.
(B) Yes, the chair seems expensive, so it should be durable.
(C) That's correct. I think we should paint it a new color.
(D) Indeed, the chair looks stylish, so it's worth trying out.
- B** 2. I just finished reading that new novel. The **narrative** really caught my attention. (Jul.&Aug. Unit 16)
(A) The plot of the novel was predictable and dull.
(B) The way the story was described was engaging.
(C) The novel had too many complicated characters to follow.
(D) The ending of the novel was disappointing and confusing.
- A** 3. We need to minimize the number of people at the meeting. (Sep. Unit 7)
(A) OK, I'll only invite a limited group to it.
(B) Actually, I don't think we need to provide food at all.
(C) Yes, we'll have to rearrange the date and time to increase participants.
(D) Right, we should encourage more people to join the meeting for better ideas.
- B** 4. Did you just use a disposable razor to shave your beard? (Sep. Unit 2)
(A) You're right. It was very sharp.
(B) Yeah, I threw it away when I was done.
(C) I thought you preferred electric razors for shaving.
(D) Are you planning to let your beard grow longer?

Part B

In Part B, you will hear several conversations between a man and a woman, and then a question following each conversation. Choose the best answer for each question.

- A** 5. M: This painting is beautiful.
W: I really like it as well.
M: Do you know anything else about it?
W: I believe the museum got it on loan.
Q: What does the woman say about the painting? (Sep. Unit 5)
(A) It was borrowed from another museum.
(B) It's the museum's oldest painting.
(C) The museum purchased the artwork.

(D) The museum received the artwork as a gift.

C 6. M: What are you cooking tonight? It smells great!

W: I wanted to make a new Indian dish, but I couldn't get some of the more **exotic** ingredients.

M: Tell me next time and I'll go to the Indian market for you.

W: There's an Indian market here in Taichung?!

Q: What problem did the woman have? (Jul.&Aug. Unit 11)

(A) She is missing a few local ingredients.

(B) She was too busy to go grocery shopping.

(C) She was not able to find typical Indian ingredients.

(D) She couldn't find the recipe for the dish she wanted to make.

Part C

In Part C, you will hear one passage. Choose the best answer for each question.

Read questions 7 and 8 before listening to this passage.

I've received lots of positive feedback about last week's session. Since everyone loved reading *And Then There Were None*, here are some books with similar vibes. First up is *The Westing Game* by Ellen Raskin. It's about a group of people invited to a mysterious mansion where they get caught up in a puzzle filled with dangers and surprises. Another great option is *The Inheritance Games* by Jennifer Lynn Barnes. It has lots of plot twists and unanswered questions that keep readers guessing until the shocking end. Finally, I recommend *One of Us is Lying* by Karen M. McManus. It's about a tight group of friends whose loyalty gets tested when they wind up as suspects in a high-stakes investigation. (Jul.&Aug. Unit 15)

B 7. Where would you hear this talk?

(A) At a science fair.

(B) At a book club meeting.

(C) At a film adaptation panel.

(D) At a writing training conference.

D 8. What common theme connects the books recommended in the article?

(A) They all involve magic and fantasy.

(B) They are all set in historical periods.

(C) They focus on character development and personal growth.

(D) They all feature thrilling mysteries and an element of suspense.

Part D

In Part D, you will hear a long talk. Take notes on the talk using the form below. Then, you will hear two questions. Use your notes to answer each question. (Your notes in the form won't count towards your score.)

Questions 9-10 (Read the form and options before listening to the talk)

B-Battle Breakdance Championship

Date & Time: August 19 & Doors open at 12:30 p.m.

Venue: Downtown Community Arena

- Competition Details:

Competition Categories:

Crew Battle: Teams of **3-5 dancers** compete against each other

1 vs 1 Battle: Individual dancers face off in head-to-head battles

Judging Criteria: creativity, **technique**, and showmanship

- Tickets for Spectators:

General Admission: **\$20** (pre-sale), **\$25** (at the door)

VIP Passes: \$40 (includes premium seating and **meet with competitors**)

- Registration for Competitors:

Entry Fee: **\$50** per participant

Registration Deadline: **July 30**

Sign Up: Complete the online form at www.amcbreakdancebattle.com/signup

- Prizes:

A.Crew Battle Winner: \$3,000

B.1 vs 1 Battle Winner: \$1,500

C.Special Awards: **Most original Moves** (\$2,000), crowd favorite (\$2,000)

Are you the king or queen of the streets? Can you dance like a pro? Show your skills at the B-Battle Breakdown Championship! As well as individual battles, we have crew battles. Crews of three to five people will face off and compete. Both kinds of battle will be judged on creativity, technique, and showmanship.

If you want to see the city's best B-boys and B-girls, tickets are 20 dollars in advance and 25 dollars at the door. For 40 dollars, you can purchase a VIP ticket that includes premium seats and a chance to meet with the competitors. If you think you have what it takes to win, register to compete! The entry fee is 50 dollars per participant, and the registration deadline is July 30. Sign up online at our website.

You won't just be dancing for pride, though! We have some great prizes available. The winner of the crew battle gets 3,000 dollars to split between them. The one-on-one winner will take home 1,500 dollars. What's more, we have two special awards. The dancer judged to have the most original moves will win 2,000 dollars, while the prize for being the crowd favorite is also 2,000 dollars. What are you waiting for? (Jul.&Aug. Unit 16)

B 9. How much are tickets at the door?

(A) US\$35

(B)US\$25

(C) US\$30

(D) US\$20

C 10. What else do we learn from this commercial?

(A) There's a US\$2,000 prize for the best-looking dancer.

(B) The entry fee for competitors is US\$45.

(C)People with VIP tickets get to meet the dancers.

(D) Battles will be judged on creativity, costume design, and showmanship.

113 學年度第 1 學期高三歷史科第一次段考解答 **A 卷**

1	2	3	4	5	6	7	8	9	10
B	D	D	A	D	A	C	C	B	B
11	12	13	14	15	16	17	18	19	20
A	B	C	D	A	C	D	C	A	B
21	22	23	24	25	26	27	28	29	30
D	D	A	B	A	C	C	C	D	A
31	32	33	34	35	36	37	38	39	40
A	C	C	C	A	A	B	B	B	A

一、(1)七年戰爭

(2)費城

(3)無代表權就不納稅

(4)啟蒙運動

二、航海法

三、(1)美國的愛國者

(2)英國人

四、被取消特許狀

五、(1)鼓勵原則

(2)提升原則

六、補償權

臺北市立成功高級中學 113 學年度第 1 學期，三年級 (314-322) 生物科，A 卷

第 1 次期中考參考答案

一、單一選擇題：(2 分/題)

1	2	3	4	5	6	7	8	9	10
A	B	B	C	B	D	B	D	A	D
11	12	13	14	15	16	17	18		
A	A	C	C	D	C	C	C		

二、多重選擇題：(2 分/題)

19	20	21	22	23	24	25	26
ABDE	ACE	BCD	ABCE	ACE	BC	AC	CDE
27	28	29	30	31	32		
ABE	ABD	BCD	ADE	BCD	CDE		

三、閱讀題：(3 分/題)

33	34	35	36
B	D	C	A
37	38	39	40
A	AC	BE	D

四、混和題或非選擇題：

1	(1) (2 分)	C
	(2) (4 分)	以二分裂法方式完成自我分裂 具有環狀 DNA 具有(原核型)核糖體 可自行合成部分本身所需的蛋白質 (上述 4 項寫出其中 1 項給 2 分，2 項給 4 分)
2	(1) (2 分)	蛋白質
	(2) (2 分)	受質
	(3) (2 分)	提高反應速率(降低反應活化能 或 催化性) (受質)專一性 重覆(利用)性 (上述 3 項寫出 1 項給 1 分，2 項給 2 分)

臺北市立成功高級中學 _____ 年級 _____ 班座號 _____ 姓名 _____ A 卷

113 學年度第 1 學期，三年級 (304~322)，數學甲，第一次期中考答案

題目卷 2 張 2 面 答案卷 1 張 答案卡 0 張

注意 1：答案卷(卡)未於規定位置內確實填寫班級、座號、姓名者成績扣 10 分。

注意 2：手寫卷除特別規定外、一律使用藍色、黑色筆書寫，否則該項成績以零分計算。

一、多選題：21%，每題 7 分。答錯一個選項得 4 分，答錯兩個選項得 1 分，答錯三個或以上或未答皆得 0 分。

1.	2.	3.
ABCD	ACE	BCD

二、填充題：70%，每格 5 分。答案請化簡（分數必須約至最簡分數，分母須有理化）

(A)	(B)	(C)	(D)
$\sum_{n=1}^{20} n \times (n+2)$	330	1256	$\frac{1}{2} < x < 1$ 且 $x \neq \frac{3}{4}$
(E)	(F)	(G)	(H)
$\left\{x \mid x \in \mathbb{R}, x > \frac{3}{2}, \text{ but } x \neq 3\right\}$	$\{y \mid y \in \mathbb{R}, 0 \leq y \leq \sqrt{20}\}$	$g(x) = 3x - 15$	$g(x) = \frac{3^x + 15}{2}$
(I)	(J)	(K)	(L)
不存在	4	4	5
(M)	(N)		
$\frac{1}{8}$	18		

三、混合題：9%

1. 填充題 3%(寫答案即可)	2. 多選題 3%(寫答案即可)
$g \circ f(x) = [2x^2 - 5] + 5$	AD
3. 計算題 3% (須寫出計算過程)	

臺北市立成功高級中學 _____ 年級 _____ 班 姓名 _____ 座號 _____ A 卷

113 學年度第 1 學期，三年級 (301 ~ 303)，選修數學乙，期中考答案卷

答案卷

一、複選題: (每題 5 分, 共 10 分, 錯一個選項扣 2 分, 扣完為止)

1. ACD	2. BD
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二、填充題: (每格 6 分, 共 90 分, 全對才給分)

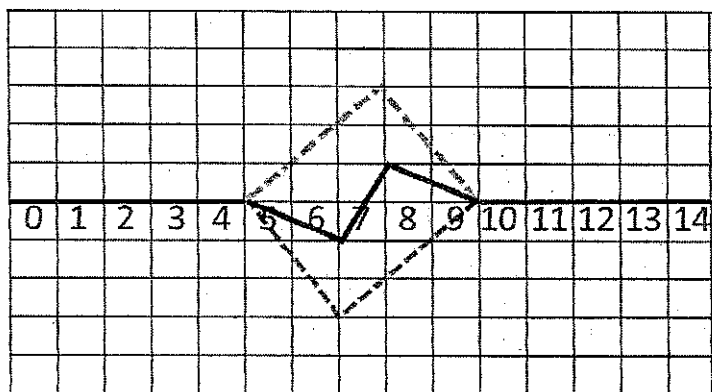
(1) $\frac{3}{2}$	(2) 3	(3) $\sum_{k=1}^8 4^{6-k}$	(4) $\frac{59}{18}$
(5) $\{x x > 0, x \neq 3, x \in \mathbb{R}\}$	(6) $\{y y \geq -4, y \in \mathbb{R}\}$	(7) 4	(8) $x^2 - 8x + 14$
(9) $\frac{5}{12}$	(10) -1	(11) 5	(12) -5
(13) $\frac{1}{6}$	(14) $\frac{1}{2}$	(15) 15	

參考答案

1. DBCCE CDECD ABBCA

16. AC ABE BD AC AD BE

22.

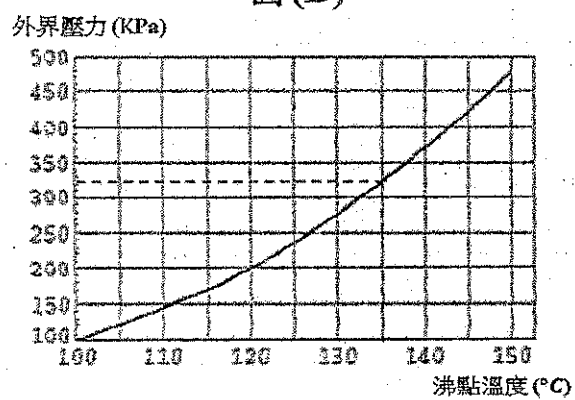


23.

(1) 鍋內氣體最大壓力 $P = \underbrace{P_0}_{\text{外界氣壓}} + \underbrace{\frac{W}{A}}_{\text{重物壓力}} = 10^5 + \frac{\frac{90}{1000} \times 10}{4 \times 10^{-6}} = 3.25 \times 10^5 [\text{Pa}] \sim 325 [\text{KPa}] \quad (325 \sim 326)$

(2) 135°C (134~136)

圖(B)






臺北市立成功高級中學 _____ 年級 _____ 班 姓名 _____ 座號 _____

A 卷

113 學年度第 1 學期 三年級 (301 第一學群) ，數學科，第一次期中考答案卷

注意 1：答案卷(卡)未於規定位置內確實填寫班級、座號、姓名者成績扣 10 分。

注意 2：手寫卷除特別規定外、一律使用藍色、黑色筆書寫，否則該項成績以零分計算。

1	2	3	4	5
ABCD	ABCD	ABCD	B	3
6	7	8	9	9(2)
			-1	2

53°

4

一、單一選擇題 (第 1 至 18 題，每題答對得 3 分，本大題答錯均不倒扣，共 54 分。)

1	2	3	4	5
E	A	C	E	D
6	7	8	9	10
E	B	D	E	C
11	12	13	14	15
B	D	C	C	A
16	17	18		
B	B	B		

二、多重選擇題 (第 19 至 27 題，每題各選項獨立計分，答對一個選項，可得 1/5 題分，完全答對得 4 分，答錯一個倒扣 1/5 題分；未作答者，不給分亦不扣分，共 36 分。)

19	20	21	22	23	24	25	26	27
BDE	ABD	BCE	DE	CDE	AD	AE	BD	ABD

三、非選擇題 (作答使用黑或藍色墨水的筆書寫，且不得使用鉛筆，計算題均需寫出計算過程才給分。共 10 分)

- (1) 血紅色、容量瓶 (各 1 分)
- (2) 0.08 M (1 分)
- (3) 假設為完全反應(或 SCN^- 為限量試劑或設為標準液，或其它合理答案) (1 分)
- (4) $1.0 \times 10^{-3} \text{ M}$ (2 分)
- (5) $8.0 \times 10^{-4} \text{ M}$ (2 分)
- (6) 102 (2 分)

臺北市立成功高級中學 113 學年度第一學期高三(301-303)

公民與社會科第一次期中考試題 **A 卷** 答案

一、單選題(每題 2.5 分，答錯不倒扣，共 50 分)

1	2	3	4	5	6	7	8	9	10
B	D	C	A	D	C	A	C	B	C
11	12	13	14	15	16	17	18	19	20
D	D	B	C	A	B	D	C	A	B

二、單選題題組(每題 2.5 分，答錯不倒扣，共 30 分)

21	22	23	24	25	26	27	28	29	30
C	D	B	A	C	B	B D	A	C	B
31	32								
D	C								

三、混合題(共計 20 分)選擇一題 3 分

33	34
A	C

35.

①失業類型(3 分)	②改善政策(全對給 3 分)
<input type="checkbox"/> 結構性失業 <input type="checkbox"/> 循環性失業 <input type="checkbox"/> 隱藏性失業 <input checked="" type="checkbox"/> 摩擦性失業	1.舉辦就業博覽會 2.加強就業輔導

36.本題 8 分

經濟表現(3 分)	原因(公式 2 分、分析 3 分)
<input checked="" type="checkbox"/> 成長 <input type="checkbox"/> 衰退 <input type="checkbox"/> 蕭條	公式⇒ $GDP=C+I+G+(X-M)$ 表格資料摘述與公式分析⇒外銷訂單增加會帶動(X-M)；即文中提到的八月的外銷訂單增加。