



澳門大學  
UNIVERSIDADE DE MACAU  
UNIVERSITY OF MACAU



澳門理工學院  
Instituto Politécnico de Macau  
Macao Polytechnic Institute



旅遊學院  
INSTITUTO DE FORMAÇÃO TURÍSTICA  
Institute for Tourism Studies



澳門科技大學  
UNIVERSIDADE DE CIÊNCIA E TECNOLOGIA DE MACAU  
MACAU UNIVERSITY OF SCIENCE AND TECHNOLOGY

澳門四高校聯合入學考試（語言科及數學科）

**Joint Admission Examination for Macao Four Higher Education  
Institutions (Languages and Mathematics)**

**2017/2018學年試題及參考答案**

**2017/2018 Examination Paper and Suggested Answers**

**English 英文**

**Instructions:**

1. **USE AN HB PENCIL** for Multiple Choice questions. Only answers that appear on the Answer Sheet will be scored. Fill in the corresponding circles completely and darkly. If you do not follow the instructions to fill in the circles, NO marks will be scored.
2. **USE BLUE or BLACK BALL-POINT PEN** for Joining Sentences (Section 1, page 7), Open-Ended questions (Section 2, page 12) and Writing (Section 3, page 13). Write the answers of the Joining Sentences and Open-Ended questions on the space provided in the Examination Paper. **Please write clearly so the assessor can read your handwriting.** For the Writing, please write the essay on the Answer Booklet provided.
3. **Do not take this Examination Paper out of the room.** You must return the Examination Paper, the Answer Booklet and Answer Sheet at the end of the examination.

## Section 1 – Language Use (40 marks)

### Part A – Vocabulary and grammar in context (15 marks, 1 mark each)

Read the passages below. Choose the most appropriate answers to complete the passages.

#### E-mail (in-company notice):

From: Human Resources Department  
To: All Employees  
Subject: Welcome Dinner  
Date: August 3, 2016

To all employees,

You 1 to a dinner to welcome our new manager, Ms. Cecilia Tang, who joins us from Computer Inc. The dinner will 2 on Friday, August 13, from 6 pm to 8:30 pm.

To book a seat at the welcome dinner, reply to this email by 6 pm on Friday, August 6. In your email, indicate your meal preference from the choices below.

We look forward to 3 you all at the Welcome Dinner!

Best regards,  
Shawn Deline  
Human Resources

- |                  |                |              |                 |
|------------------|----------------|--------------|-----------------|
| 1. A. invite     | B. are invited | C. invited   | D. are inviting |
| 2. A. take place | B. take part   | C. take over | D. take after   |
| 3. A. see        | B. seen        | C. be seen   | D. seeing       |

#### Doctor's Advice:

### Simple Tips to Identify Causes of Migraine

Many individuals suffer from an acute form of headache called a migraine. Understanding causes of your headaches can help you avoid migraines. Start 4 a migraine diary. Every time you have a headache, write down where you were and what you were doing when the migraine 5 and what you ate in the 24 hours before the attack. This can help you see a pattern. For example, if you get migraines whenever you have a hot dog with Diet Coke, your migraines might be 6 by chemicals such as nitrates, aspartame and caffeine.

- |                   |            |             |               |
|-------------------|------------|-------------|---------------|
| 4. A. kept        | B. keeping | C. keeps    | D. keep       |
| 5. A. started     | B. start   | C. starting | D. will start |
| 6. A. transferred | B. related | C. caused   | D. added      |

**Airline Notice:**

Flight 607 is on time. Please see details below.

Hong Kong to Los Angeles

Sat. Apr 23

Terminal/Gate: 2/E16

**Boarding reminder**

You must 7 with a valid boarding pass and a passport no later than 30 minutes before your flight. Being late may cause the 8 of your reserved seats and/or your entire reservation. Please note that flight status can change at any time, and delayed flights can depart on time if conditions allow. Gate information can change without 9. Please check the flight information screens at the airport for the most current gate information.

- |                    |                   |                |             |
|--------------------|-------------------|----------------|-------------|
| 7. A. checking in  | B. be checking in | C. be check in | D. check in |
| 8. A. cancellation | B. cancelled      | C. cancel      | D. cancels  |
| 9. A. note         | B. notice         | C. purpose     | D. signal   |

**Everyday Conversation:**

Hong: How long have you been in Macao, Mary?

Mary: About 3 months.

Hong: How do you like it so far?

Mary: It was quite 10 before, but now that the weather is drier, it's nice.

Hong: Yes, it's great hiking weather now.

Mary: Hiking? 11 anywhere to hike in Macao?

Hong: Yes, there are some lovely trails in Coloane. It isn't difficult hiking, but you need to climb a hill if you want to see some nice ocean views. 12 I take you sometime?

Mary: Yes, please!

Hong: How about this Saturday morning? Are you free?

Mary: That would be great. Thanks!

- |              |               |           |             |
|--------------|---------------|-----------|-------------|
| 10. A. warm  | B. humid      | C. chilly | D. windy    |
| 11. A. Have  | B. Have there | C. Are    | D. Is there |
| 12. A. Would | B. Shall      | C. Will   | D. Do       |

**Advertisement:**

Oscar Mayer's great new "Packet of Sauce in a Can of Meat" brings you quick meat meals with rich fresh cooked flavour!

We have made an amazing \_\_\_13\_\_\_ in canned food! It's Oscar Mayer's new invention, a separate packet of sauce that keeps sauce and meat from mixing in the can and \_\_\_14\_\_\_ their different flavours!

Keep several cans of beef, pork and wieners at hand for quick delicious meals and barbecue-burgers. Your whole family \_\_\_15\_\_\_ love the mild barbecue sauce—a delicate mix of tomato paste, sugar, celery, vinegar, Worcestershire sauce, onion, salt, and some flavourings.

- |                 |              |                |             |
|-----------------|--------------|----------------|-------------|
| 13. A. improved | B. improving | C. improvement | D. improves |
| 14. A. locking  | B. loosing   | C. loosening   | D. losing   |
| 15. A. will     | B. is        | C. very        | D. much     |

## Part B – Cloze passage (15 marks, 1.5 marks each)

Read the passage below. Choose the most appropriate answers to complete the passage.

### The signs of malnutrition<sup>1</sup>

Malnutrition has affected a great many people in various parts of the world; for that reason alone, knowing the signs of malnutrition 1 an important concern.

Malnutrition is an imbalance of nutrients in 2 body. One of the causes of that imbalance is the intake of foods that are not nutritious 3 the other basic primary cause would simply be not consuming enough nutritious foods. Malnutrition can also happen in either undernutrition or overnutrition. Undernutrition occurs when the body cannot store enough nutrients due to lack of food or poor diet. Overnutrition takes place when the body is getting nutrients but imbalance occurs because the body is taking too much of certain nutrients compared 4 others.

Malnutrition is 5 issue in many developing countries, especially in areas where there is 6 food. It is a serious health condition and should be avoided whenever possible. In general, there are 7 key characteristics of malnutrition:

1. Dry skin

When a person's skin looks dry, it may possibly tell us that the individual 8 one of the signs of malnutrition.

2. Loss of appetite and weight

When an individual does not want to eat 9 he or she usually would, this alone may cause body weight to drop accordingly and can be one of the signs of malnutrition.

3. Tiredness and energy loss

Loss of energy is 10 tiredness and can be linked to malnutrition.

- |     |                 |                      |                   |                        |
|-----|-----------------|----------------------|-------------------|------------------------|
| 1.  | A. is become    | B. has become        | C. have become    | D. will have become    |
| 2.  | A. the persons' | B. a person's        | C. the people's   | D. a people's          |
| 3.  | A. whereas      | B. when              | C. in spite of    | D. on condition that   |
| 4.  | A. on           | B. between           | C. to             | D. from                |
| 5.  | A. any          | B. some              | C. an             | D. the                 |
| 6.  | A. insufficient | B. more insufficient | C. insufficiently | D. more insufficiently |
| 7.  | A. number of    | B. an amount of      | C. plenty         | D. a few               |
| 8.  | A. showed       | B. had shown         | C. is showing     | D. has been shown      |
| 9.  | A. as many as   | B. as much as        | C. many as        | D. much as             |
| 10. | A. the same     | B. with sameness     | C. similarity     | D. similar to          |

<sup>1</sup> Adapted from the article in [http://www.bukisa.com/articles/435600\\_the-signs-of-malnutrition](http://www.bukisa.com/articles/435600_the-signs-of-malnutrition).

**Part C – Joining sentences (10 marks, 2 marks each)**

Read each pair of sentences carefully and join them in order to create a grammatically correct sentence, using the word or phrase given in the brackets. Write your answers on the lines provided.

**Going green**

1. In the U.S., it is not hard to locate a trash service. This service offers glass and aluminum recycling. (that)

.....  
.....  
.....

2. Recycling is not that difficult today. A lot of people continue to place glass and aluminum items in their normal garbage. (even though)

.....  
.....  
.....

3. We place the cans and bottles into the recycling bin. It merely takes a few minutes to wash off the cans and bottles. (before)

.....  
.....  
.....

4. Glass and aluminum items overload our landfills. Newspapers are another item. (besides)

.....  
.....  
.....

5. All of us make up our mind to try green living. We can really save our planet and improve the environment. (when)

.....  
.....  
.....

## **Section 2 – Reading Comprehension (30 marks)**

### **Part A – Everyday English (5 marks, 1 mark each)**

Read the following notices and choose the best answer for each question.

1. “REMOVE SHOES BEFORE ENTERING” What are you expected to do?
  - A. Keep your shoes on.
  - B. Wipe your shoes clean.
  - C. Take your shoes off.
  - D. Move your shoes away from the entrance.
2. “STAY CLEAR OF GLASS DOORS DURING TYPHOON WARNING PERIOD”  
What are you expected to do?
  - A. Wipe the glass doors clean when there is a typhoon.
  - B. Check if it is safe outside before leaving through the glass doors.
  - C. Do not go outside if you cannot see yourself in the glass of the doors.
  - D. Do not stand near the glass doors during bad weather.
3. “SWIM AT YOUR OWN RISK” What does this sign mean?
  - A. Swimming is not allowed here.
  - B. You should not play in the water.
  - C. There is no lifeguard here.
  - D. Swimming is a risky type of exercise.
4. A bottle of tomato sauce contains the instruction: “DO NOT CONSUME AFTER 14/12/2018”. This instruction means:
  - A. You should not eat the sauce after this date.
  - B. The sauce tastes best before this date.
  - C. You should not buy the sauce before this date.
  - D. The sauce should not be opened after this date.
5. A restaurant has this sign: “NO OUTSIDE FOOD OR DRINK”. Which of the following is closest in meaning to this notice?
  - A. You can only eat or drink what you buy here.
  - B. You cannot eat or drink outside the restaurant.
  - C. You cannot take food or drink that you bought here outside.
  - D. You can only buy these brands of food and drink.

### **Part B – Short passage (7.5 marks, 1.5 marks each)**

Read the passage below and choose the best answer for each question.

## **Niagara Falls**

Experience the beauty and power of Niagara Falls, Canada!

Join our tour group as we travel to the site of the most powerful waterfall on Earth. More than 6 million cubic feet of water fall over it every minute. Thanks to the mist rising from the rocks below, it rains 24 hours a day, 365 days a year in the area around the Falls, even when the sun is shining. The water is so powerful that it provides cheap and clean electricity to large

American cities nearby, such as New York.

During the trip, you will have different options to view the Falls. You can simply walk beside the waterfall, but be sure to bring an umbrella! For a more exciting sight, try passing through the tunnel behind the waterfall. If you prefer a bird's-eye view, then take the elevator to the top of the Skylon Tower and have a meal in the revolving restaurant as the Falls moves below you. You can reach even greater heights by going on a helicopter ride over the Falls. The most popular way to experience the Falls is a trip on the Maid of the Mist, a boat that travels to the foot of the waterfall. Don't worry—they give you raincoats!

In addition to viewing the Falls, there are opportunities for many different fun activities in the Niagara region. Large, reasonably-priced golf courses are easily within reach. World-class theatre productions can be seen for 8 months of the year. There is even a casino, Canada's largest, in the heart of the city of Niagara Falls. Finally, don't miss the excitement of Clifton Hill, the entertainment hot spot of Niagara.

For enquiries and reservations regarding our tours to Niagara Falls, contact us at [NiagaraTours@gmail.com](mailto:NiagaraTours@gmail.com) or phone us at 853-333-3333.

1. How many different ways to view Niagara Falls are mentioned in the passage?
  - A. 3
  - B. 4
  - C. 5
  - D. 6
  
2. Most people prefer to view the Falls from
  - A. a boat.
  - B. a helicopter.
  - C. behind the waterfall.
  - D. the Skylon Tower.
  
3. What is special about the restaurant above the Falls?
  - A. You need to take an elevator to it.
  - B. They serve a special dish of bird eyes.
  - C. The view outside the window changes.
  - D. You can take a helicopter from it.
  
4. Which one of the following is true about Niagara Falls?
  - A. It is found in a city with the same name.
  - B. It provides electricity to cities all over the U.S.
  - C. It offers little to do besides viewing the Falls.
  - D. It is the world's largest waterfall.
  
5. What is the main purpose of the passage?
  - A. To describe Niagara Falls.
  - B. To advertise tours to Niagara Falls.
  - C. To inform people about the beauty of Niagara.
  - D. To sell air tickets to Canada.

**Part C – Long passage (17.5 marks, 1.5 marks each for 5 multiple choice questions and 2 marks for open-ended questions)**

Read the passage carefully and answer the following questions.

**Let us give thanks<sup>2</sup>**

Many people are familiar with the traditional holiday of Thanksgiving, which originated around 400 years ago among the first English settlers of America. The newcomers gave thanks for a good harvest that would help them survive the coming winter. Since then, Thanksgiving Day has become a time for American and Canadian families to gather and express **appreciation** for the blessings in their lives. However, research into gratitude has shown that being thankful all year, not just on one day, benefits our health.

Studies show that people who express gratitude have a happier outlook on life, lower their blood pressure, sleep better and are less affected by pain. In addition, gratitude's positive effects are long-lasting. Canadian researchers found that people who wrote thank-you letters or performed good deeds for a six-week period improved their mental health, felt more energetic and accomplished more daily tasks for up to six months.

Another way to practice thankfulness is keeping gratitude journals, where people write down a set number of things that they are grateful for each day. A 2013 study of nearly 1000 Swiss adults aged 19-84 found that those who kept such journals reported fewer aches and pains three weeks later. Interestingly, the experimenters found that the effects of gratitude were stronger with older adults than with people in their twenties.

Because gratitude is a fairly new field of study, researchers are still trying to identify its cause-and-effect relationship with various health benefits. Alex Wood, a Scottish professor of psychology, gives the example of sleep. Scientists know that people who have higher levels of gratitude also report sleeping better. Nevertheless, it's unclear whether being thankful leads to better sleep, or vice versa. According to Wood, it might even be some third factor that causes both gratitude and improved sleep.

Gratitude can benefit people at all stages of life. Swedish researchers have found that people aged 77 to 90 who use daily reflection to appreciate what they have are less likely to worry that they may become unable to take care of themselves. Helena Horder, one of the study's authors, describes how gratitude allows the **elderly** to focus on the positive in their lives now—still being mobile, alive, and independent. She wonders if such thankfulness for the present gives them confidence for the future.

Despite the growing number of studies that link gratitude with physical and psychological well-being, there are worries that our current lifestyle does not suit a thankful attitude. Today, many busy people don't pause and take time to appreciate what they have, much less express gratitude to others. In addition, advertising and social media push people, especially the younger generation, to value self-satisfaction. As a result, says Tamiko Zablith of the consulting firm Minding Manners, young people begin seeing themselves as the centre of the universe. If it's all about us, what need is there to thank others?

According to the research, the need lies in our physical and mental health. So whether you send a thank-you email, keep a gratitude journal, or simply say "Thanks", remember that gratitude benefits both giver and receiver, especially in terms of a positive outlook.

**Choose the one best alternative from the four options A, B, C, and D. (1.5 marks each)**

1. The word “appreciation” is closest in meaning to
  - A. happiness.
  - B. gratitude.
  - C. sympathy.
  - D. interest.
  
2. The word “elderly” is closest in meaning to
  - A. young people.
  - B. thankful people.
  - C. old people.
  - D. sick people.
  
3. What happened four centuries ago?
  - A. A traditional celebration began.
  - B. American and Canadian families gathered together.
  - C. Thanksgiving was celebrated by many people around the world.
  - D. Settlers arrived in England.
  
4. Which country’s scientists have found that being thankful and helping others increases people’s mental health, energy levels and productivity?
  - A. Sweden
  - B. Scotland
  - C. Canada
  - D. Switzerland
  
5. Which one of the following statements is NOT true based on the article?
  - A. Showing gratitude has an effect on people of all ages.
  - B. People are more likely to be grateful nowadays.
  - C. The relationship between gratitude and health is a recent field of study.
  - D. Being thankful and expressing gratitude to others have many positive benefits.

**Answer the following questions based on information found in the article, using complete sentences (2 marks each). Write your answers on the lines provided.**

6. What are two ways to demonstrate thankfulness in gratitude research?

.....  
.....  
.....

7. What are scientists still trying to find out about the relationship between gratitude and health?

.....  
.....  
.....

8. Give two ways in which the Swedish research differed from the Swiss research.

.....  
.....  
.....

9. How might being grateful change people's attitudes?

.....  
.....  
.....

10. Give two reasons why it is difficult for people these days to show gratitude.

.....  
.....  
.....

---

<sup>2</sup>Article adapted from <http://www.rdasia.com/health/The-Power-of-Gratitude.asp>

### **Section Three – Writing (30 marks)**

Instructions:

Choose ONE topic from below and write an essay of at least 200 words on the topic. The writing topics are designed to give you an opportunity to demonstrate your ability to write clearly and effectively. Essays that are memorized, copied from other parts of the examination, and/or unrelated to the given topics will receive no marks. You **MUST** write the essay in the Answer Booklet provided and answers written elsewhere will receive **NO** marks. You may make your draft on the next page.

1. More and more companies are making self-driving cars and taxis, which use a computer and cameras instead of a driver. What effects do you think such cars and taxis will have on society?
2. There have been calls for Macao to offer tourists a greater variety of activities than casino gambling when they visit. What are some ways that Macao can improve its tourist experience?
3. Because of the many learning resources on the Internet, some teachers are allowing students to use their mobile phones in the classroom. Do you agree or disagree with this approach to education? Why?

## Suggested Answers

### Section 1 – Language Use

<b>Part A</b>	<b>1. B</b>	<b>2. A</b>	<b>3. D</b>	<b>4. B</b>	<b>5. A</b>
	<b>6. C</b>	<b>7. D</b>	<b>8. A</b>	<b>9. B</b>	<b>10. B</b>
	<b>11. D</b>	<b>12. B</b>	<b>13. C</b>	<b>14. D</b>	<b>15. A</b>

<b>Part B</b>	<b>1. B</b>	<b>2. B</b>	<b>3. A</b>	<b>4. C</b>	<b>5. C</b>
	<b>6. A</b>	<b>7. D</b>	<b>8. C</b>	<b>9. B</b>	<b>10. D</b>

### Part C Joining sentences

- In the US, it is not hard to locate a trash service that offers glass and aluminum recycling.

or

Locating a trash service that offers glass and aluminum recycling is not hard in the U.S.
- Even though recycling is not that difficult today, a lot of people continue to place glass and aluminum items in their normal garbage.

or

A lot of people continue to place glass and aluminum items in their normal garbage even though recycling is not that difficult today.
- It merely takes a few minutes to wash off the cans and bottles before placing them into the recycling bin.

or

It merely takes a few minutes to wash off the cans and bottles before we place them into the recycling bin.

or

Before placing cans and bottles into the recycling bin, we should take a few minutes to wash them.
- Besides glass and aluminum items, newspapers also overload our landfills.

or

Besides glass and aluminum items, newspapers are another item that overloads our landfills.

or

Besides newspapers, glass and aluminum items also overload our landfills.
- We can really save our planet and improve the environment when all of us make up our mind to try green living.

or

When all of us make up our mind to try green living, we can really save our planet and improve the environment.

## Section 2 – Reading Comprehension

<b>Part A</b>	<b>1. C</b>	<b>2. D</b>	<b>3. C</b>	<b>4. A</b>	<b>5. A</b>
---------------	-------------	-------------	-------------	-------------	-------------

<b>Part B</b>	<b>1. C</b>	<b>2. A</b>	<b>3. C</b>	<b>4. A</b>	<b>5. B</b>
---------------	-------------	-------------	-------------	-------------	-------------

<b>Part C</b>	<b>1. B</b>	<b>2. C</b>	<b>3. A</b>	<b>4. C</b>	<b>5. B</b>
---------------	-------------	-------------	-------------	-------------	-------------

### Part C Open-ended questions

6. Some participants write thank-you notes/letters.  
and/or  
Some participants write down the things they are thankful for in a journal everyday  
and/or  
Some people do good things.
7. Researchers are still trying to find out if being thankful has a cause-and-effect relationship with different health benefits.  
or  
Researchers are not certain how gratitude affects health, or whether health affects gratitude. They are still trying to find out if there are some other factors that may cause gratitude and better health.  
or  
Scientists do not yet know whether being thankful can lead to better sleep, or if better sleep will lead to gratitude.
8. The Swedish research focused on only older people, while the Swiss research studied a range of ages, from teenagers to the elderly. Another difference is that the Swedish research examined the psychological benefits of gratitude, in contrast to the Swiss research, which looked at the physical effects.
9. Being grateful can make people feel more confident about the future, in the case of the elderly. Gratitude has also led to people feeling happier and having higher hope in life.  
or  
Gratitude has also made people feel happier and have more hope in life.
10. They don't take the time to be thankful for what they have, nor do they show gratitude to others. In addition, due to social media and advertising, people are self-centred, and so do not see the need to thank others.