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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)

2025 年試題及參考答案

2025 Examination Paper and Suggested Answer

英文 English

Instructions:

1. **USE AN HB/2B 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 BALLPOINT PEN** for Summary and Open-ended Questions (Section 2, Part C on page 12) and Writing (Section 3, pages 14-15). Write the answers for these two parts on the space provided in the Examination Paper. **Write with clear handwriting.**
3. **Do NOT take this Examination Paper out of the room.** You must return the Examination Paper and the 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 texts below. Choose the most appropriate answers (A, B, C or D) to complete the texts.

Indicate your answers on the Answer Sheet provided.

Everyday conversation:

Lisa: Hi, Kenneth.

Kenneth: Hi, Lisa. It's been ages since I 1 saw you.

Lisa: It must be a year.

Kenneth: Yeah. How are you?

Lisa: I'm very 2, thanks. Really busy. I am in the school basketball team now.

Kenneth: Yeah, I heard you guys are doing great.

Lisa: Thanks.

Kenneth: Are you still 3 in Hong Kong?

Lisa: Yes, I am, but I'm in a new school now. It's in a good location so I'm really 4 it.

Kenneth: Great.

- | | | | | |
|----|-------------|---------------|---------------|-------------|
| 1. | A. previous | B. before | C. last | D. after |
| 2. | A. fine | B. true | C. positively | D. well |
| 3. | A. live | B. studying | C. be | D. continue |
| 4. | A. enjoying | B. delighting | C. pleased | D. joy |

A notice:

TOUR GUIDE NEEDED

WORK WITH ENGLISH-SPEAKING TOURISTS


Have you 5 looking for a chance to improve your English and earn some money at the same time? Well, here is how!

Our company provides package tours for British and American tourists all 6 the world, and we are looking for local people who are interested in acting as tour guides. You would be 7 looking after your group and telling them stories about Macao.

Send us 8 email at Tours@Britamtours.com if you are interested.

- | | | | | |
|----|--------------|--------------------|----------------|--------------|
| 5. | A. are | B. being | C. were | D. been |
| 6. | A. over | B. in | C. about | D. of |
| 7. | A. in charge | B. responsible for | C. accountable | D. take care |
| 8. | A. an | B. the | C. some | D. a |




Social media profile:



Emily Shand

Life is short, so live to its fullness.

Chat



Sportsperson. World Champion. I'm from Scotland and live in China. My father is Scottish and my mother is ____9____ Hong Kong. Swimming is my favourite thing. I often travel abroad for swimming competitions. In my free time, I enjoy ____10____ to music and watching films. I go to the cinema about ____11____ a month. I speak English ____12____ Cantonese. I love food, ____13____ spicy food from Thailand or Sichuan in China.

- | | | |
|-----|--------------|---------------|
| 9. | A. born | B. live |
| | C. from | D. work |
| 10. | A. listening | B. listen |
| | C. to listen | D. listened |
| 11. | A. this time | B. one |
| | C. once | D. earlier |
| 12. | A. or | B. and |
| | C. either | D. neither |
| 13. | A. exclusive | B. particular |
| | C. unusually | D. especially |

An email:

From: maria.lewis@gmail.com

To: paula.chan@hksports.com

Subject: Schedule

Hi Paula,

Here is the schedule for your trip next week. On Monday, please arrive at the Macao International Airport at 10:00 as your flight departs ____14____ 13:15. When you arrive in Beijing, Ken will meet you at the arrival hall and you will both take a taxi to the hotel.

Let me know if you have any questions. I look ____15____ to seeing you next week!

Best regards,

Maria

- | | | | | |
|-----|----------|------------|----------|-------|
| 14. | A. on | B. until | C. for | D. at |
| 15. | A. ahead | B. forward | C. happy | D. up |

Part B – Spotting errors in context (15 marks, 1.5 marks each)

Read through the passage to understand its meaning and check whether the underlined items are used accurately. For each underlined item, if it is accurate and appropriate, select “NO CHANGE.” If it is not accurate and/or not appropriate, select the best option from the choices listed. *Indicate your answers on the Answer Sheet provided.*

<p style="text-align: center;">Living in the city without a car</p> <p>My name is Bob and I don’t have a car. Living without a car in a developed city is (1) <u>possible</u> but it is sometimes inconvenient.</p> <p>Without a car or motorbike, it can be a challenge to live in a large, spread-out city, but it is (2) <u>very</u> easier to live without a vehicle in a small city like Macao. Public transportation is obviously really important for people without a car because we need (3) <u>them</u> to get around.</p> <p>Travelling to work or school every day on a bus or a train can take a lot of time, especially (4) <u>at</u> the morning and evening rush hours. However, (5) <u>take</u> the bus is a lot less stressful than driving a car. Some active people who don’t have cars choose to walk or ride a bike to work in the mornings to (6) <u>make</u> some exercise.</p> <p>One of the biggest (7) <u>hurts</u> of living without a car is shopping. A lot of things I buy have to (8) <u>be delivered</u> because they are too heavy for me to transport them myself. I also can’t easily go to stores that are far away (9) <u>that</u> where I live.</p> <p>At the moment, I am happy living without a car but I might (10) <u>buy</u> one next year.</p>	<ol style="list-style-type: none">1. A. impossible B. possibly C. possibility D. NO CHANGE2. A. mostly B. much C. a lot of D. NO CHANGE3. A. it B. they C. him D. NO CHANGE4. A. on B. during C. with D. NO CHANGE5. A. taked B. took C. taking D. NO CHANGE6. A. play B. get C. practice D. NO CHANGE7. A. damages B. losses C. challenges D. NO CHANGE8. A. deliver B. delivered C. is delivered D. NO CHANGE9. A. from B. of C. across D. NO CHANGE10. A. to buy B. have bought C. will buy D. NO CHANGE
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Part C – Joining sentences (10 marks, 2 marks each)

The paragraph below is divided into five pairs of sentences. Read each pair of sentences carefully and choose the one option (A, B, C or D) that joins the two sentences into one sentence grammatically and logically without changing the meaning. *Indicate your answers on the Answer Sheet provided.*

The Internet Men



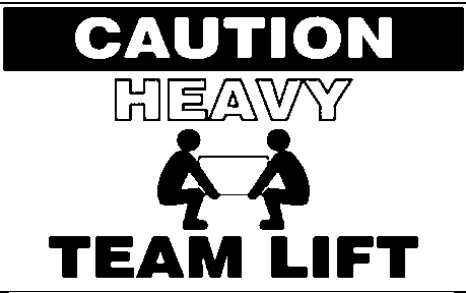

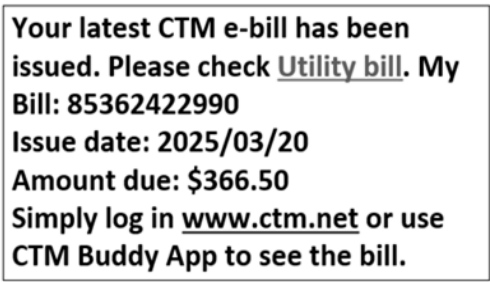
(1) Many people do not have Internet access in Bangladesh. In Bangladesh, Internet Men ride bicycles door-to-door to connect villages by Internet. (2) They carry laptops. Villagers can use the laptops for either personal or business use. (3) In many places, there are no doctors for miles. Deaths from easily curable diseases are common. (4) The Internet Men are also responsible for taking blood pressure and blood sugar levels. Taking blood pressure and blood sugar level measurements can save lives. (5) The country's central bank has created a special fund to support the Internet Men. The country's central bank will hire thousands more Internet Men in the next few years.

1. A. Many people do not have internet access in Bangladesh since Internet Men ride bicycles door-to-door to connect villages by internet.
B. Since many people do not have Internet access in Bangladesh, Internet Men ride bicycles door-to-door to connect villages by Internet there.
C. Since many people do not have Internet access in Bangladesh, so in Bangladesh, Internet Men ride bicycles door to door to connect villages by internet.
D. Since in Bangladesh Internet Men ride bicycles door-to-door to connect villages by Internet, so many people do not have Internet access in Bangladesh.
2. A. They carry laptops which villagers can use the laptops for either personal or business.
B. Villagers can use the laptops for either personal or business use which they carry.
C. Villagers can use the laptops which for either personal or business use, they carry.
D. They carry laptops, which villagers can use for either personal or business use.
3. A. In many places, there are no doctors for miles, because deaths from easily curable diseases are common.
B. In many places, although there are no doctors for miles, deaths from easily curable diseases are common.
C. In many places, there are no doctors for miles; as a result, deaths from easily curable diseases are common.
D. In many places, because of there are no doctors for miles, deaths from easily curable diseases are common.
4. A. The Internet Men are also responsible for taking blood pressure and blood sugar levels because these measurements can save lives.
B. The Internet Men are also responsible for taking blood pressure and blood sugar levels, which measurements can save lives.
C. Taking blood pressure and blood sugar level measurements can save lives so those the Internet Men are also responsible for.
D. The Internet Men are also responsible for taking blood pressure and blood sugar level measurements can save lives.
5. A. The country's central bank, it has created a special fund to support the Internet Men and they will hire thousands more of those in the next few years.
B. The country's central bank has created a special fund to support the Internet Men as well as to hire thousands more of them in the next few years.
C. The country's central bank has created a special fund, as well as support the Internet Men, also hire thousands more of them in the next few years.
D. The country's central bank, they have created a special fund to support the Internet Men, also it will hire thousands more of it in the next few years.

Section 2 – Reading Comprehension (30 marks)

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

Read the following notices and choose the best answer (A, B, C or D) for each question. *Indicate your answers on the Answer Sheet provided.*

	<p>1. What does this sign tell you to do?</p> <p>A. Take off your shoes and remember which pair is yours. B. Put your shoes here and leave them behind for other people. C. Call the police if someone takes your shoes. D. When you swap shoes, make sure they are the same brand.</p>
	<p>2. What can you expect at this supermarket?</p> <p>A. You can save a lot of money if you don't use plastic bags. B. You can save a little money if you don't use plastic bags. C. You cannot shop in this supermarket without your own re-useable bag. D. You cannot shop in this supermarket unless you bring your own plastic bag.</p>
	<p>3. What should you do when you see this sign?</p> <p>A. Take this lift if you weigh too much. B. Be careful not to drop the team lift. C. Pick up this object by yourself. D. Ask someone to help you carry this object.</p>
	<p>4. Why can't Travis sign up for GiftHub?</p> <p>A. His password is wrong. B. He forgot his user name. C. Someone else has used this username. D. He spelt his name wrong.</p>
	<p>5. What should you do now?</p> <p>A. You should pay the bill and can check the details of your bill on the CTM website. B. You have to pay an extra \$366.50 because you forgot to pay your utility bill. C. You need to pay your bill before the 20th of March or it will be issued. D. Your bill of \$366.50 has already been paid, so you don't need to do anything.</p>

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

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

Energy Drinks Can Be Dangerous

- (1) School can make students feel tired. There are so many things to do - attend classes and school activities, finish homework and spend time with friends. As a result, more than 3 in 10 young adults (32.5%) regularly have energy drinks to give themselves enough energy for all of these activities, according to a market research company called Gitnux.
- (2) Even though energy drinks may seem harmless, they can actually be dangerous. One can of energy drink contains up to 29 g of sugar, which is 12% of the whole content. Sugar releases *dopamine*, a chemical in the brain that makes you feel good. Another important ingredient called *caffeine* keeps the level of dopamine high because it slows down dopamine leaving the brain and being absorbed by the body. Because of this ingredient combination, energy drinks can increase energy levels for some time. Eventually, the brain can become addicted, so the person will constantly try to get that energy high.
- (3) However, when the effects of an energy drink disappear, the person may suddenly feel very tired and low. This happens because energy drinks are not food and don't provide additional nutrition, just sugar. In addition, *caffeine* in energy drinks has a similar effect as the hormone called *adrenaline*. When people are in danger or under stress, adrenaline prepares their bodies to act fast in order to escape the perceived danger, but when the danger passes, they feel tired because they have used a lot of energy.
- (4) Caffeine does the same thing. After a period of focused activity, the caffeine disappears and the person feels exhausted. If that person depends on dopamine for their energy, he or she will probably reach for another energy drink to get that energetic feeling back. As a result, a dangerous and hard-to-break cycle is formed.
- (5) Energy drinks are not only addictive. They can also harm health, especially for young growing bodies. Research says drinking a lot of caffeine leads to problems like high blood pressure or fast heartbeat. If users don't give their bodies a break, these drinks can also make it harder to focus, remember things, and make good decisions due to physical exhaustion. For these reasons, students should focus on maintaining their energy in a responsible way.

Written based on information from a variety of sources publicly available online.

Choose the best answer from the four options (A, B, C or D). Indicate your answers on the Answer Sheet provided. (1.5 marks each)

1. According to the passage, why do young people buy energy drinks?
 - A. They feel tired from their busy schedule.
 - B. They like the sweet taste.
 - C. They follow the example of their friends.
 - D. They are tired of school.

2. What is the meaning of “combination” as used in paragraph 2?
 - A. The password to open a lock
 - B. Expensive chemicals
 - C. A mixture of two or more things
 - D. Joining with the body

3. What is produced by the human body in a stressful situation?
 - A. caffeine
 - B. adrenaline
 - C. sugar
 - D. dopamine

4. According to the passage, what is true about caffeine?
 - A. It produces dopamine in the brain.
 - B. Energy drinks contain 12% caffeine.
 - C. Even a small amount of caffeine is dangerous.
 - D. It helps the sugar effect last longer.

5. How can the energy drinks lead to an addiction?
 - A. People become unable to do anything without energy drinks.
 - B. People need to continue drinking energy drinks to get the same effect.
 - C. Over time, the body forgets how to get energy from food.
 - D. Food can make people put on weight but energy drinks only provide energy.

Part C – Long passage (17.5 marks, 1.5 marks each for 3 multiple choice questions, 1 mark each for 5 fill-in-the-blank questions and 4 marks each for 2 open-ended questions)

Read the passage carefully and answer the following questions.

Future Work – The Things AI Can't Do

- (1) Artificial intelligence, or AI, is changing how people work. Experts believe AI technology will eliminate many jobs, including whole types of work. In fact, this change is already happening. AI has increased productivity, but has also caused job losses. Business magazine *Forbes* reports that over 47,000 jobs were eliminated in the United States in 2023 because computer coding is being done by AI. Consulting firm McKinsey estimates that by 2030, machines will do up to 30% of paid work humans do now.
- (2) AI is also changing the way many jobs are done, forcing experienced workers to retrain or change jobs. Millions of workers will need “occupational transitions” because of AI, meaning they will need to learn new skills or find different types of jobs. Women are 1.5 times more likely to need a job change than men, according to McKinsey’s data.
- (3) High school and university students are concerned about their future work opportunities. AI is having serious impacts on many traditionally well-paid, safe jobs such as law, accounting or computer programming. AI is changing the job market and Generation Z wants to know what jobs will be in demand. Similarly, governments and schools are worried that current education may not prepare young people for the kinds of work needed in the future.
- (4) In 2023, the World Economic Forum (WEF) published a report titled *The Future of Jobs*. The WEF claims new technologies will create new job types in the future. They also identify several types of work that AI will probably not replace and give reasons why. The report says social work jobs, such as counsellors, won’t be replaced by AI because these jobs require human understanding and the ability to work with people. Performing artists who do live shows, such as dancers and stage actors, can’t be replaced by machines because the performers must have the ability to engage with audiences in real time. Top decision-makers like politicians and business executives won’t lose their jobs to computers because leadership is a quality AI doesn’t have. People want to follow other people, not machines. Leaders also take responsibility for their decisions, which AI can’t do. However middle-level managers may be replaced by AI because jobs like organising projects and handling data can be done much faster by computers. Workers in skilled trades, like electricians, are safe for three reasons. First, they work with their hands. Also, they can use past experience to solve new problems. Lastly, they can interact with people and understand what work needs to be done by talking. Machines don’t have those abilities. Healthcare workers like doctors, dentists and nurses are not likely to be replaced by AI either. AI can analyse information and identify people’s sicknesses, but patients prefer to discuss their illness and get treatment from a person, not a machine.
- (5) This ability to talk to people and understand what they want is sometimes called “interpersonal intelligence”. Harvard professor Howard Gardener says people have different kinds of intelligences, such as mathematical intelligence or musical intelligence. Different jobs require different kinds of intelligence. AI can be used in many different ways, but it has only one type of intelligence: the ability to process large amounts of information very quickly, identify patterns and copy those patterns. To adapt to changing job markets, humans must use the types of intelligence computers don’t have. Students should develop “soft

skills” such as communication skills, creativity and critical thinking because these will be valuable in future jobs. These are abilities computers don’t have, despite advances in AI. Soft skills can be used in many different careers, while some “hard skills” like coding may go out of date, requiring retraining. Machines will make companies more productive in the future, so young people need to focus on areas where humans outperform AI.

Written based on information from a variety of sources publicly available online.

Part 1: Multiple Choice Questions

Choose the best answer from the four options (A, B, C or D). Indicate your answers on the Answer Sheet provided. (1.5 marks each)

1. According to the passage, what will women likely have to do more than men due to AI development?
 - A. Use machines to do 30% of their paid work
 - B. Quit their jobs if they work in technology companies
 - C. Learn to do their jobs differently or find new jobs
 - D. Increase productivity for their companies

2. What are schools concerned about, according to paragraph 3?
 - A. AI is eliminating too many jobs in schools.
 - B. Generation Z likes to use AI to do school work.
 - C. AI is eliminating jobs that were thought of as safe and well-paid.
 - D. Education may not be getting students ready for future job types.

3. Why could middle-level business managers be replaced by AI?
 - A. They can be responsible for their decisions, while machines can’t be responsible for decisions.
 - B. Organizing projects and data processing can be done by AI very quickly.
 - C. People want to follow other people, not machines.
 - D. Politicians and top business people have better leadership qualities than AI.

Part 2: Summary

A student took notes on this passage. Based on the information in paragraph 4, complete these notes by copying **ONE WORD** from the passage into each blank. Write your answers in the blanks provided. The first one has been done for you. (1 mark each)

World Economic Forum – The Future of Jobs Report (2023)

*New technologies will (0) create some new types of jobs.

* Some job types (4) _____ won't be replaced by AI:

Jobs that won't be replaced by AI

Reason(s)

- social workers

- requires human (5) _____

- stage performers

- able to engage with an audience

- politicians and business leaders

- AI doesn't have (6) _____ abilities

- (7) _____ trades people

- they work with their hands

- problem solving based on experience

- healthcare workers

- patients prefer (8) _____ from people, not machines

Part 3: Open-ended Questions

Answer the following questions based on information in the passage, using complete sentences. Write your answers **IN YOUR OWN WORDS** on the lines provided. Do not copy whole sentences from the passage.

9. What are TWO advantages of developing 'soft skills' mentioned in the passage? (4 marks)

10. The passage discusses good and bad effects of AI. Based on the passage, identify ONE change caused by AI and explain why you believe it is a negative or a positive change. (4 marks)

♦♦♦ Do NOT write below this line (For examiner use only) ♦♦♦

Summary _____ /5

#9 _____ /4

#10 _____ /4

Total _____ /13

Summary _____ /5

#9 _____ /4

#10 _____ /4

Total _____ /13

Section Three – Writing (30 marks)

Instructions:

Choose ONE topic below and write an essay of at least 200 words on the topic. Through this essay, 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 a mark of zero.

You **MUST** write the essay on pages 14 – 15 of this Examination Paper and answers written elsewhere will receive **NO** marks. You may make notes in the space below.

- 1. Describe your favourite online content creator (such as a Youtuber or TikToker) and why you like them.*
- 2. How can young people reduce their stress in everyday life? Give some suggestions.*
- 3. What are the advantages and disadvantages of exams to measure students' abilities?*

Draft area: you can make notes here.

Model answers – JAE English Exam 2025

Section 1 – Language Use

Part A

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

Part B

1. D	2. B	3. A	4. B	5. C
6. B	7. C	8. D	9. A	10. D

Part C. Joining sentences

1. B	2. D	3. C	4. A	5. B
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Section 2 – Reading Comprehension

Part A

1. A	2. B	3. D	4. C	5. A
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Part B

1. A	2. C	3. B	4. D	5. B
------	------	------	------	------

Part C MCQ

1. C	2. D	3. B
4. probably / likely		
5. understanding		
6. leadership		
7. skilled		
8. treatment / healthcare		

Summary

Part C. Open-ended Questions

Question 9: What are TWO advantages of developing “soft skills” mentioned in the passage?

Acceptable advantages from paragraph 5:

- can adapt to changing job markets
- can be used in lots of different types of jobs / careers
- will be valuable in future jobs / different jobs
- are abilities or skills or intelligence that AI or computers do not have
- humans outperform AI in these abilities / skills
- cannot or unlikely to be replaced by AI or computers
- Are unlikely to go out of date
- will not require retraining

Question 10: The passage discusses good and bad effects of AI. Based on the passage, identify ONE change caused by AI and explain why you believe it is a negative or a positive change.

Acceptable examples of changes caused by AI (based on the passage):

- Change how people work or the way jobs are done / need to change jobs or find different jobs
- Increase productivity or make companies more productive
- Eliminate many jobs or cause job losses
- Impact on safe, well-paid jobs (e.g. law, accounting, computer programming)
- AI will do paid work humans do now: computer coding; replace middle-level managers; computer faster at organising projects, handling data; identifying sicknesses
- Workers will have to retrain or ‘occupational transitions’ or learn new skills
- Students more concerned about future work opportunities or need to know what jobs will be in demand in the future
- Changing the job market or create new jobs in the future
- Education may need to change to prepare young people for future kinds of work
- Students need to develop (increased importance of) ‘soft skills’ and intelligences computers don’t have: communication skills; creativity; critical thinking; focus on areas where humans outperform AI; hard skills outdated