



ENGLISH LANGUAGE PAPER 1

PART A

Reading Passages

8:30 am – 10:00 am (1½ hours)
(for both Parts A and B)

GENERAL INSTRUCTIONS

- (1) There are two parts (A and B) in this paper. All candidates should attempt Part A. In Part B, you should attempt either Part B1 (easier section) OR Part B2 (more difficult section). Candidates attempting Parts A and B2 will be able to attain the full range of levels, while Level 4 will be the highest level attainable for candidates attempting Parts A and B1.
- (2) After the announcement of the start of the examination, you should first write your Candidate Number and stick barcode labels in the spaces provided on the appropriate pages of the Part A Question-Answer Book and the Part B Question-Answer Book which you are going to attempt.
- (3) Write your answers in the spaces provided in the Question-Answer Books. Answers written in the margins will not be marked.
- (4) For multiple-choice questions, you are advised to blacken the appropriate circle with a pencil so that wrong marks can be completely erased with a clean rubber. Mark only **ONE** answer to each question. Two or more answers will score **NO MARKS**.
- (5) Supplementary answer sheets will be supplied on request. Use separate supplementary answer sheets for Part A and Part B. Write your Candidate Number, mark the question number box and stick a barcode label on each sheet, and fasten them with string **INSIDE** the relevant Question-Answer Book.
- (6) No extra time will be given to candidates for sticking on barcode labels or filling in the question number boxes after the 'Time is up' announcement.
- (7) The two Question-Answer Books you have attempted (one for Part A and one for Part B) will be collected together at the end of the examination. Fasten the two Question-Answer Books together with the green tag provided.
- (8) The unused Question-Answer Book for Part B will be collected separately at the end of the examination. This will not be marked. Do not write any answers in it.

INSTRUCTIONS FOR PART A

- (1) The Question-Answer Book for Part A is inserted in this Reading Passages booklet.
- (2) Attempt ALL questions in Part A. Each question carries ONE mark unless otherwise stated.

Not to be taken away before the
end of the examination session

PART A

Read Texts 1-3 and answer questions 1-27 in the Question-Answer Book for Part A.

Text 1

Parking up at the Food Garage

- 1 [1] Have you ever watched the way teenagers eat when they're out? They constantly check their phones and pay little attention to their environment, let alone what's in front of them... their lack of seriousness is fantastic. You may think taking them to a restaurant would be a waste of time and money, but it's not. You just have to find the right eatery.
- 5 [2] To prove this theory, I took some friends and their two teenage daughters to the *Food Garage*. The family had recently relocated to New Zealand from America, and I thought if I could fill them with burgers, fries and hot dogs, they may feel less homesick. It worked like a treat.
- 10 [3] I first learned of the *Food Garage* after watching an episode of the TV show, *Cool Food*. At that time, it was just a humble food truck, turning out fast food that promised not to send you to a fast grave. After the show aired, fans flocked to the truck, and the business has since also opened a restaurant on 90 Wellesley St. West, in the City Works district.
- 15 [4] The first things we ordered were fish wraps and mini pizzas. The wraps had plenty of zing and slap from fresh lime, and were topped with hot chilli and fresh greens all locally grown. The pizzas bore no resemblance to those served at late-night deliveries. This version consisted of a thin crust and a light layer of cheese. The flavours were moreish in the extreme. Next to arrive were our burgers and hot dogs. The knock-out was the hot dog, a dark sausage of minced and pickled pork, with homemade sauce. Yums!
- [5] The *Food Garage* concept plays heavily on the 'healthy' aspect of classic fast food and, without a more scientific test, at the end of our meal we all reported feeling fabulous and guilt-free. If you feel as though dining out has become a bit serious of late, parking up at the *Food Garage* is the perfect antidote.

Text 2

The War on Big Food

- 1 [1] Multinational packaged-food companies lost \$4 billion in market share alone last year, as shoppers switched to fresh and organic alternatives. Can these food giants win you back?
- [2] Try this simple test. Say the following out loud:
- 5
 - *Canned food*
 - *Pre-packaged lunch*
 - *Frozen TV dinners*
 - *Soft drinks containing artificial colors and flavors*
- 10 [3] If any one of these terms raised a hair on the back of your neck, left a sour taste in your mouth, or made your lips purse with disdain, you may be part of Big Food's multi-billion-dollar problem. In fact, you may even belong to a growing consumer class that has some of the world's biggest and best-known food companies scrambling to change their businesses.
- [4] Lest you think this is exaggeration, consider this: industry analysts say that the top 25 U.S. food and beverage companies have lost an equivalent of \$18 billion in the market share since 2009. One expert compared them to melting icebergs. "Every year they become a little less relevant."
- 15 [5] In some ways, it's a strange turn of events. The idea of 'processing' – from salting and curing to the modern artificial preservatives – arose to make sure the food we ate didn't give us food poisoning. Today we know that it's the processed food itself that's making us unhealthy. Shoppers still value the convenience that food processing offers but the pendulum has definitely shifted in their minds. They have more and more questions about why this bread lasts 25 days without going stale.
- 20 [6] Although the changing consumer landscape has contributed to lackluster growth among some of the industry's major players, major food companies are still going strong. For now.

Text 3

Newsletter - The Sustainability Plan of Star Resort, Singapore

- 1 [1] Despite our leading role in the resort industry, we are constantly making improvements to our sustainability practices. As a world-leading luxury resort, we have thoroughly reviewed our environmental practices. We have decided on several new measures for both food sustainability and employee engagement.
- 5 [2] By 2050, unless behaviors change, overfishing will have reduced fish numbers to dangerously low levels in the seas of Southeast Asia. The current situation is that Star Resort does not have the same clout when compared to that of the rest of the entire service and retail sector in Singapore. Last year, we imported about sixty million dollars' worth of seafood compared to one billion dollars for the whole sector.
- 10 [3] We have three proposals to increase both the supply and demand for sustainable food sources. First, Star Resort will develop a buyers' consortium with a few premium hotels, such as Royal Park or The Grand, which promote sustainability. This consortium should be able to identify which seafood vendors use environmentally-friendly fishing techniques and restrict our purchases of fish to only these vendors.
- [4] This leads to the second recommendation. Based on this increased buying power, Star Resort will be able to demand that other food suppliers of all our food types also get certified as environmentally-friendly corporations. That means more food companies in Singapore will become environmentally-friendly, creating a ripple effect.
- 15 [5] And third, Star Resort can increase investment in its own vertical farms that grow herbs and vegetables. Last year, Star Resort's garden provided about 2 kilograms of herbs a day and we think this can be increased to other common vegetables.
- [6] Central to our stewardship program, however, is employee engagement. Last year, we had about 60 'Go Green Ambassadors' but less than 50 percent of our employees attended our sustainability events. We have three measures to improve employee engagement.
- 20 [7] All new staff need to attend training sessions to increase awareness of environmental issues facing Southeast Asia as well as Singapore, with a focus on solutions that our company promotes to solve these problems. Additionally, we should provide rewards for different teams and departments when they meet their key performance indicators. Finally, we plan to host innovation contests for our employees to promote solutions that are unique and applicable to their specific departments.
- 25

END OF READING PASSAGES

Sources of materials used in this paper will be acknowledged in the *HKDSE Question Papers* booklet published by the Hong Kong Examinations and Assessment Authority at a later stage.

Candidate Number

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**HKDSE 2021
ENGLISH LANGUAGE
PAPER 1 PART A
QUESTION-ANSWER BOOK**



Write your Candidate Number and stick a barcode label in the space provided on this page.
Read Texts 1-3 and answer questions 1-27. (42 marks)

Text 1

1. What does the phrase 'what's in front of them' (line 2) refer to?
 - A. their meal
 - B. their money
 - C. their phones
 - D. their environment

A	B	C	D
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. In paragraph 1, what does the writer suggest about eating in restaurants?
 - A. Teenagers never take their food seriously.
 - B. Teenagers do not like eating at restaurants.
 - C. Some restaurants serve better food than others.
 - D. Some restaurants appeal more to teenagers than others.

A	B	C	D
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. The writer takes the teenagers to the *Food Garage* because he thinks...
 - A. they don't like the local food.
 - B. they should work for their treat.
 - C. they may miss being in America.
 - D. they have recently moved to America.

A	B	C	D
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

4. Decide whether the following statements are True (T), False (F), or Not Given (NG) in paragraph 3. (3 marks)

Statements	T	F	NG
(i) The writer enjoys watching <i>Cool Food</i> .	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii) The <i>Food Garage</i> is a TV show.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii) The <i>Food Garage</i> is a food truck and a restaurant.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. According to the writer, 'zing' (line 12) refers to the taste of...
 - A. the hot chilli.
 - B. the fresh lime.
 - C. the mini pizzas.
 - D. the fresh greens.

A	B	C	D
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. According to paragraph 4, what are the pizzas from the late-night deliveries usually like?

Answers written in the margins will not be marked.



7. Find TWO words in paragraph 4 that have similar meanings to 'delicious'. (2 marks)

(i) _____

(ii) _____

8. What does the phrase 'guilt-free' (line 18) imply about the writer's attitude to fast food in general?

9. The *Food Garage* is a perfect 'antidote' (line 19) or cure for _____

10. What does 'Parking up' in the title mean?

11. Based on the information from the text, complete the mission statement of the *Food Garage*. Write a word or a phrase taken from the text to fill in each blank. Answers should be grammatically correct. (4 marks)

Our Mission

We take (i) _____ that is traditionally high in fat, salt and sugar and make

our own delicious homemade alternatives using fresh ingredients that are sourced

(ii) _____. Whether it's a burger, hot dog, soft drink or sundae, we have

found creative ways to create (iii) _____ dishes without compromising taste.

Best of all, adults love our food, and so do (iv) _____.

Text 2

12. Why do the food giants want to 'win you back' (line 2)?

13. What does this 'simple test' (line 3) try to discover?

14. What are the terms listed on lines 4-7 examples of?

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

15. Find a word in paragraph 3 that has a similar meaning to 'dislike'.

16. What assumption is the writer making about the 'growing consumer class' (line 10)?

They are people who...

- A. like fresh organic food.
- B. don't like shopping for food.
- C. want to buy more packaged food in the future.
- D. don't want processed food companies to change their business.

A B C D

17. The writer uses the phrase 'Lest you think this is exaggeration' (line 12)...

- A. to show he is not over-estimating the problem.
- B. because he thinks the reader will be disappointed.
- C. to show he does not agree with the previous statement.
- D. to emphasise that he does not support the big food companies.

A B C D

18. How are 'melting icebergs' (lines 13-14) a good comparison for what is happening in the food and beverage industry?

19. Why does the writer suggest that the changes taking place are 'a strange turn of events' (line 15)?

20. According to paragraph 5, what are TWO reasons people buy processed food?

(2 marks)

(i) _____

(ii) _____

21. What does the phrase 'the pendulum has definitely shifted' (line 18) mean?

- A. People now only want food if it is convenient.
- B. Modern artificial preservatives now make us sick.
- C. The existence of processed food has been challenged.
- D. Shoppers place less value on convenience and worry more about health.

A B C D

22. What example is given in paragraph 5 to illustrate shoppers' concerns about processed food?

23. Referring to the title, which two groups are fighting 'The War'?

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Text 3

24. Find a word in paragraph 2 which has a similar meaning to 'power'.

25. Decide whether the following statements are True (T), False (F) or Not Given (NG) in paragraphs 2 to 5. (3 marks)

Statements	T	F	NG
(i) Three recommendations for promoting sustainable fishing are mentioned in the newsletter.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii) There are currently no environmentally-friendly food companies in Singapore.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii) Star Resort is the largest seafood importer in Singapore.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26. The table below compares the current situation with what would happen if the sustainability initiatives were carried out. Complete the table by using a maximum of TWO words taken from paragraphs 2 to 5 for each gap. (4 marks)

Current Situation	Initiative	Desired Outcome
Star Resort does not have controlling influence in the seafood vendor market.	Create a (i) _____ _____.	This promotes fishing practices that are sustainable.
Vendors of other food types to Star Resorts may contribute to damaging the environment.	Require our food suppliers to get (ii) _____ documents to prove their green credentials.	This will encourage Singaporean food vendors to become (iii) _____.
Vertical farms have been producing (iv) _____.	Increase investment in the vertical farms.	Vertical farms will grow a greater range of produce.

27. Complete the following summary by writing ONE word taken from paragraphs 6 to 7 in each blank below. Your answers must be grammatically correct. (4 marks)

The (i) _____ of our staff members is the key to our success in environmental goals. For this reason, we would like to implement three initiatives that aim to increase participation. To raise their awareness of all Star Resort environmental policies, (ii) _____ will be mandatory for all new employees. We know that all employees like to receive (iii) _____ when they reach their targets. So these will be provided as our second initiative. Also, employee ownership of initiatives is a motivator so we can hold competitions to encourage employees' (iv) _____ in finding new solutions.

END OF PART A

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Candidate Number

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**HKDSE 2021
ENGLISH LANGUAGE
PAPER 1 PART B1
QUESTION-ANSWER BOOK**

B1
EASY SECTION

Write your Candidate Number and stick a barcode label in the space provided on this page.
Read Texts 4-5 and answer questions 28-46. (42 marks)

Text 4

28. What is the topic of the forum?

- A. Looking at the entrance area
- B. Improving our housing estate
- C. Throwing rubbish into plant pots
- D. Putting plant holders at the entrance

A B C D

29. How many people posted in the forum?

30. How many posts are there on 22 April, 2021?

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

A B C D

31. Who or what does the word 'them' (line 2) refer to?

32. Look at the word 'posts' (line 10). The word has different meanings. Read the extract of the dictionary entry for 'post' below and decide which meaning corresponds to the meaning in line 10.

- A. delivery of mail
- B. one of the legs of a piece of furniture, like a table
- C. a message that is placed on an Internet website or forum
- D. a strong piece of wood, metal, or other material used as a support

A B C D

33. Who or what does the word 'they' (line 13) refer to?

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.



★ A 0 2 0 E 1 B 1 ★

Answers written in the margins will not be marked.

34. Why does Crustyclown say 'You are all dreaming' (line 15)?

Because Crustyclown wants to show _____

35. Who is Girlgeorgy thanking for their support in line 18?

- A. Bazseedling and Susan_B
- B. Susan_B and Crustyclown
- C. Artsypatsy and Bazseedling
- D. Crustyclown and Artsypatsy

A B C D

36. Which word in lines 15-17 has a similar meaning to 'bright'?

37. Which word in lines 24-28 has a similar meaning to 'too much'?

38. Who does 'that' (line 27) refer to?

- A. Children playing around the estate
- B. Children going into sensitive areas
- C. Children pulling leaves from the plants
- D. Children sticking things in their mouths

A B C D

39. What is the main idea of lines 24-28?

Susan_B wants to...

- A. vote for Girlgeorgy.
- B. tell residents that she can't help.
- C. put plants at the entrance of the estate.
- D. remind Girlgeorgy that there are small children.

A B C D

40. Which of the following is NOT mentioned by Artsypatsy's post in lines 29-34?

- A. Helping out
- B. Agreeing with Susan_B
- C. Putting Girlgeorgy in charge
- D. Having a mix of plants at the entrance

A B C D

41. According to the forum, are the following statements True (T), False (F) or Not Given (NG)? (4 marks)

Statements	T	F	NG
(i) Artsypatsy has already put climbing plants around the entrance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii) Girlgeorgy thinks the entrance looks boring.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii) The left side of the entrance receives a lot of light.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iv) Girlgeorgy has all the information on plant prices.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answers written in the margins will not be marked.

42. Decide whether each of the following authors has a positive, negative or neutral attitude towards adding plants to the entrance area. (4 marks)

Authors	Positive	Negative	Neutral
(i) Bazseedling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii) Susan_B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii) Artsypatsy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iv) Crustyclown	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

43. Read the statements in the right column and match each with ONE of the authors. Write the corresponding letter in the blank on the left. Use each letter ONCE only. ONE statement is NOT used. (5 marks)

Authors	Statements
(i) _____ Girlgeorgy	A. There are too many bugs on the estate.
(ii) _____ Artsypatsy	B. What I really want is flowers.
(iii) _____ Bazseedling	C. Plants should be able to cope with lots of touching.
(iv) _____ Crustyclown	D. I could take charge of the project.
(v) _____ Susan_B	E. Paint the entrance with lots of colours.
	F. Put a range of plants around the entrance.

Text 5

44. Below are summaries of two possible plants for the housing estate. Fill in the blanks with ONE word that best fits the paragraph. Your answers must be grammatically correct. (9 marks)

Moon Orchid

Moon Orchids are beautiful plants to have but it is difficult to take care of them, especially if you want them to have (i) _____. You have to (ii) _____ them often because they need to be kept moist. You also have to make sure that the soil is (iii) _____ so that the roots get a lot of (iv) _____.

Dumb Cane

This plant is easy to care for and it grows very well (v) _____ as long as it gets enough (vi) _____. You should also water it (vii) _____ and make sure it doesn't get too (viii) _____ because that can kill the plant. You should be careful with small children because the leaves are (ix) _____.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

45. Below is a table summarising the information about four of the plants. Complete all the boxes in the table by writing 'Y' for yes or 'N' for no. Some have been done for you as examples. (4 marks)

Name of Plant	Easy to Care For	Needs Direct Sunlight	Suitable for Young Children
(i) English Ivy	Y		
(ii) Chinese Virginia Creeper			Y
(iii) Kumquat		Y	
(iv) Red Crown Cactus	Y		

46. Referring to the descriptions in the flyer, decide which plant you would recommend for each of these residents living in the estate. (3 marks)

Answers written in the margins will not be marked.

- (i) Ms. Lee, 24, lives with her parents and needs to decorate the living room with some plants that do not require too much care but produce bright flowers. Which plant suits her?
- A. Kumquat
 B. English Ivy
 C. Moon Orchid
 D. Red Crown Cactus
- A B C D
- (ii) Mr. Leung, 65, is retired and lives alone. He enjoys taking care of plants and wants to put a lot of time into them. He would like a nice, decorative, flowering plant for his living room, which gets a lot of light, but no direct sunlight. Which plant suits him?
- A. Kumquat
 B. English Ivy
 C. Moon Orchid
 D. Red Crown Cactus
- A B C D
- (iii) Mrs. Chan is a 40-year-old housewife with two young children. She loves taking care of plants. She wants to have plants for her living room, which has large windows but does not receive direct sunlight at all during the day. She does not want a flowering plant. Which plant suits her?
- A. Kumquat
 B. English Ivy
 C. Dumb Cane
 D. Chinese Virginia Creeper
- A B C D

END OF PART B1

Answers written in the margins will not be marked.

PART B2

Read Texts 6-8 and answer questions 47-66 in the Question-Answer Book for Part B2.

Text 6

Title: _____

1

'One small step for man, one giant leap for mankind'

[1] On 20th July 1969, as he stepped out of the Apollo 11 lunar lander, Neil Armstrong uttered these immortal words and propelled the human race from Earth-bound beings to intrepid explorers of space. These words were the culmination of human dreams from the day our ancestors first gazed in fear and wonder at the heavens. They also signalled the beginning of a journey that has gone, in fits and starts, to find out all we can about our galaxy and our place in the universe. Armstrong, together with Buzz Aldrin and Mike Collins, made the improbable 400,000-kilometre journey to our nearest celestial neighbour in a tiny, cramped and fragile collection of metal and wiring. This trip was a modern-day miracle successfully completed after many long years of hard work.

Text 7

Title: _____

1

[1] The National Aeronautics and Space Administration (NASA) has discovered hints of a warmer past on Mars, possibly, one in which water has flowed and life might have existed. With evidence showing that water exists in a frozen state on Mars, the human race could one day make Mars its second home. To do that, we would begin with altering the current climate and atmosphere to resemble that of Earth's. The process of transforming the Martian atmosphere to create a more habitable living environment is called terraforming.

5

[2] Terraforming Mars would be a huge undertaking with the initial stages alone taking several centuries, and the whole process of terraforming needing several millennia to complete; a brief interval, considering that Earth needed billions of years to transform into a planet on which plants and animals could flourish. To transform the Martian landscape into one that resembles Earth would require unrelenting scientific ingenuity and enormous capital expenditure.

10

[3] Terraforming Mars would require three interrelated processes: building the atmosphere, increasing and maintaining temperature suitable for life, and preserving the atmosphere. The atmosphere of Mars is very thin, and temperatures there range from -113°C to 0°C , and most of the carbon dioxide is trapped as ice at the poles. Considering these factors and challenges, physicists and engineers have been researching various terraforming methods, and encountered practical difficulties with each method investigated.

15

[4] One option for thickening the atmosphere of Mars and raising the temperature of the planet would be to set up solar-powered, greenhouse-gas producing machines. Their sole purpose would be to emit carbon dioxide and other greenhouse gases into the atmosphere. These greenhouse-gas machines would either have to be ferried to Mars or made out of materials already located on the planet. In order to transport these machines to Mars, they would have to be lightweight. As the atmosphere warms because of the greenhouse gases, a different type of greenhouse-gas machine would be needed to mimic the natural process of plant photosynthesis, absorbing carbon dioxide and emitting oxygen. Photosynthetic bacteria and algae could also be used alongside these greenhouse-gas machines. It would take millennia upon millennia but the Martian atmosphere could slowly be oxygenated to the point that Mars' inhabitants would need only a breathing-assistance apparatus, not a pressure suit as worn by astronauts.

20

25

Text 8

Title: _____

- 1 [1] Recent research by NASA on terraforming Mars has sparked a debate among ethicists as to whether space exploration and terraforming other worlds are ethical endeavours. Human beings have been captivated by the possibility of planet hopping since the discovery of planets. Below is a short extract from a transcript of a debate between two professors, Annabelle Lee and Theodore Cheung, who are discussing this issue.
- 5 [2] Prof. Lee: The ever-increasing scope of our space exploration efforts threatens the other planets in our solar system with biological contamination from Earth. If life is present on another world, the introduction of terrestrial life forms would be an ecological disaster as well as an immense loss to science. The possibility that life exists on other planets tells us that we cannot simply land on other planets because we want to satisfy our need for more land.
- 10 [3] Prof. Cheung: I get your point but we have entered unspoiled environments before and those areas have benefitted from our intervention. The national parks service of the USA illustrates how we can create havens for nature, where we maintain the flora and fauna at levels that would not have happened if nature were left to her own devices. In response to your point that human exploration would alter natural conditions on other planets, I propose a planetary park system that would bar the landing of spacecraft in protected areas to prevent
- 15 destruction of the environment.
- [4] Prof. Lee: You know that microorganisms can be spread across the planetary surface by dust storms, for example, so this approach would not protect non-park areas from human contamination. Although it may help safeguard the aesthetic qualities of some areas, a park system approach misses the larger question of whether it is ethically responsible to interfere with other planets. The discovery, exploration, and invasion of the Americas
- 20 by Europeans led to dire consequences for the indigenous people of that 'New World'.
- [5] Prof. Cheung: I agree that the activities of human beings can damage the environment and cause other negative consequences, but these are exceptions. I do not subscribe to the idea that the natural world and other living creatures have intrinsic moral worth equal to human beings. It is our duty as human beings to make Earth a better place and that is something no other living organism can do. We need to continue the activities and
- 25 processes not only to make our world livable and comfortable, but all other worlds around us too.
- [6] Prof. Lee: While we grapple with our ethical obligations to our fellow humans and the other creatures with whom we share the planet, it would be wise to consider the ethical obligations we have to other worlds. We must consider whether landing spacecraft on other planets is justified because they may carry with them the potential to destroy endemic ecosystems. Even if these ecosystems are composed of only microbial life, our ethical obligations must be taken seriously. Life independent of Earth deserves valuation equal to that of our
- 30 world and those landscapes deserve to be spared from our meddling even if they are not home to any life.

END OF READING PASSAGES

Sources of materials used in this paper will be acknowledged in the *HKDSE Question Papers* booklet published by the Hong Kong Examinations and Assessment Authority at a later stage.

Candidate Number

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**HKDSE 2021
ENGLISH LANGUAGE
PAPER 1 PART B2
QUESTION-ANSWER BOOK**

B2
DIFFICULT SECTION

Write your Candidate Number and stick a barcode label in the space provided on this page.
Read Texts 6-8 and answer questions 47-66. (42 marks)

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Text 6

47. According to paragraph 1, what did the Apollo 11 mission accomplish?
- A. It avoided an intrepid exploration.
 - B. It made the human race immortal.
 - C. It fulfilled a dream of humans to land on the Moon.
 - D. It went in fits and starts to find our place in the universe.
- A B C D
48. Find a word or phrase in paragraph 1 that means 'the Moon'.
- _____
49. What do the words 'tiny, cramped and fragile collection of metal and wiring' (lines 7-8) suggest?
- A. Space was exciting for a human explorer.
 - B. The journey was uncomfortable and dangerous.
 - C. The mission was highly sophisticated for its time.
 - D. NASA used substandard materials for the mission.
- A B C D
50. What do the phrases 'One small step for man' and 'one giant leap for mankind' (line 1) mean? (2 marks)
- (i) One small step for man: _____
- _____
- (ii) One giant leap for mankind: _____
- _____
51. Which word in paragraph 1 suggests that the writer thought the moon landing was an amazing achievement?
- _____

Text 7

52. If Mars is the 'second home' (line 3), what is the first home?
- _____
53. Which of the following is NOT mentioned in paragraph 2?
- Terraforming Mars would...
- A. require time and effort.
 - B. transform Earth negatively.
 - C. be a challenge for scientists.
 - D. need a large amount of money.
- A B C D

Answers written in the margins will not be marked.



54. According to paragraph 2, the estimated time required to transform Mars into a habitable planet for human beings is...
- A. hundreds of years.
 - B. thousands of years.
 - C. millions of years.
 - D. billions of years.

A B C D

55. Which phrase in paragraph 2 best describes the writer's opinion on the time frame required to transform Mars compared to the same transformation on Earth?
- _____

56. Which of the following is NOT a factor making Mars currently an uninhabitable place?
- A. atmosphere too thin
 - B. temperature too cold
 - C. no ice for water creation
 - D. limited source of carbon dioxide

A B C D

57. Complete the following flow chart on terraforming Mars based on information from paragraph 4. (8 marks)

DEVELOPMENT OF TERRAFORMING INFRASTRUCTURE	
Terraforming machines will need to be set up on Mars in one of two ways: Option 1: (i) _____ Option 2: (ii) _____	Both will need the same energy source: (iii) _____ _____
↓	
Machine Type 1: Purpose: (iv) _____	
↓	
Machine Type 2: Purpose: (v) _____ _____	Additional method: (vi) _____ _____
↓	
Desired Environmental Conditions on Mars:	(vii) _____ (viii) _____

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

58. The main purpose of Text 7 is to explain...
- A. how to make Mars similar to Earth.
 - B. how dangerous the atmosphere of Mars is.
 - C. how human beings can travel to Mars in future.
 - D. how human beings should adapt to live on Mars.

A B C D

Answers written in the margins will not be marked.

Text 8

59. What is the tone of Prof. Lee in paragraph 2?

- A. critical
- B. sarcastic
- C. aggressive
- D. indifferent

A B C D

60. What does 'this approach' (line 17) refer to?

61. Find a word or phrase in paragraph 4 which has a similar meaning to 'native'.

62. Who or what does 'we' (line 24) refer to?

63. Decide whether the following statements are True (T), False (F) or Not Given (NG).

(6 marks)

Statements	T	F	NG
(i) Prof. Lee provides evidence of life forms on other planets.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(ii) Prof. Cheung believes that the planetary park system would solve the ethical problems related to exploring other planets.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iii) Prof. Lee believes that the landing of spacecraft could cause the spread of microorganisms across the surface of the planet.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(iv) Prof. Cheung believes that NASA is supportive of the application of environmental ethics to space exploration.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(v) Prof. Cheung believes that most human activities damage the environments of Earth and Mars.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(vi) Prof. Lee believes that life on Earth is more important than life from other planets.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

64. What does 'those landscapes' (line 31) refer to?

- A. All other planets
- B. The solar system
- C. Planetary systems
- D. Beautiful land areas

A B C D

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

Answers written in the margins will not be marked.

65. Both Prof. Lee and Prof. Cheung give arguments and reasons / examples either for or against exploration of other planets. Complete the summary in the table below. Answers must be grammatically correct. One has been done for you as an example. (8 marks)

Paragraph	Prof.	Main argument for / against	Reason / Example
2	Lee	Human exploration of space may cause <u>ecological disasters</u> .	Exploration may (i) _____ _____.
3	Cheung	Human intervention can (ii) _____ _____ _____.	(iii) _____ _____ _____.
4	Lee	We cannot simply land on other planets.	(iv) _____ _____.
5	Cheung	Other planets need to be (v) _____ _____ _____.	Because only (vi) _____ _____ _____.
6	Lee	We should not land on another planet as it may be (vii) _____ _____ _____.	All life forms have (viii) _____ _____ _____ to exist.

Answers written in the margins will not be marked.

66. Refer to Texts 6-8. For each text, what would be the best title? Match the titles on the right column with Texts 6-8. Three titles are NOT used. (3 marks)

- (i) Text 6: _____
- (ii) Text 7: _____
- (iii) Text 8: _____

- Titles**
- A. Terraforming Mars
 - B. A Brief History of Mars
 - C. Who Chooses to Explore?
 - D. What NASA Thinks about Space
 - E. Looking Back at the Lunar Mission
 - F. Should We Set Foot on Other Worlds?

END OF PART B2

Answers written in the margins will not be marked.