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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)

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
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answers written in the margins will not be marked.

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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) _____ _____
<div style="text-align: center;">↓</div>	
Machine Type 1: Purpose: (iv) _____	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">↓</div> <div style="text-align: center;">↓</div> </div>	
Machine Type 2: Purpose: (v) _____ _____	Additional method: (vi) _____ _____
<div style="text-align: center;">↓</div>	
Desired Environmental Conditions on Mars:	(vii) _____ (viii) _____

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

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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

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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.

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

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