

Marking Guidelines

The marking guidelines will only list a set of suggested marking criteria for each question for markers' reference. They should not be regarded as sets of model answers. Alternative answers are also acceptable as long as they are reasonable.

Paper 1

Suggested Marking Guidelines	Marks
<p>The candidate:</p> <ul style="list-style-type: none"> ● identifies clearly one problem in Source A and explains clearly one challenge it brings to the quality of life in Hong Kong; shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. quality of life, civic responsibility, biodiversity, pollution, etc.), e.g. <ul style="list-style-type: none"> ■ Problem: rubbish in country parks getting serious / environmental pollution ■ Challenges to the quality of life in Hong Kong: <ul style="list-style-type: none"> • The rubbish in country parks damages the environment and affects the environment and scenery in the countryside. A large amount of rubbish produces a bad smell, which can have a negative impact on people's enjoyment of leisure time. It even affects Hong Kong people's intention to go hiking at their leisure time. It in turn negatively affects their quality of life. • Wild animals in country parks may search for food in rubbish bins or recycling bins. They may mistake discarded items for food and eat them, which may kill them. In the long run, this may negatively affect habitats and biodiversity of the wild life. Also, rubbish blown into reservoirs and coastal areas may cause water pollution, which in turn affects the environmental aspects of the quality of life adversely. 	4
<ul style="list-style-type: none"> ● makes full and appropriate use of the source ● describes briefly one problem in Source A, and attempts to explain one challenge it brings to the quality of life in Hong Kong, but does not explain it with sufficient clarity; or only identifies and explains briefly one challenge; applies relevant knowledge and concepts but the explanation might lack detail in parts ● makes use of some relevant points in the source, but not comprehensively ● attempts to identify one problem in Source A and one challenge it may bring; or briefly describes some conditions but the description is not correct; or identifies one challenge but it is irrelevant; or points out one challenge inaccurately and does not explain it with reference to the source ● uses the source in a limited manner or sometimes inappropriately, e.g. there are discrepancies between the challenge and the source ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	2-3
	1
	0

1. (b)

The candidate:	Suggested Marking Guidelines	Marks
<ul style="list-style-type: none"> ● with reference to Source B, identifies and clearly explains one reason for the 'Trashtag challenge' becoming a global hit; shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. globalization, environmental conservation, characteristics of young people, etc.); may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. <ul style="list-style-type: none"> ■ The Internet breaks through the restrictions of time and geographical boundaries. The 'Trashtag challenge' was initiated by an American user of social media. The globalization of information through the Internet accelerated the rate of delivery of information to different parts of the world. The transfer of information by users successfully attracted other users from different parts of the world to take part in the challenge. ■ Environmental conservation is one of the positive values of global citizens. The 'Trashtag challenge' encouraged people to clear rubbish themselves, which is consistent with these values and therefore allowed for universal participation. ■ The challenge attracted young people around the world since they like to challenge themselves, pursue excitement, gain recognition and are active on social media. Posting photographs after cleaning up trash, getting 'likes' from other social media users, and being reposted are all things that appeal to young people everywhere and so encouraged participation. 	4	
<ul style="list-style-type: none"> ● makes full and appropriate use of the source 		
<ul style="list-style-type: none"> ● with reference to Source B, identifies and explains one reason for the 'Trashtag challenge' becoming a global hit, but does not explain it with sufficient clarity; applies relevant knowledge and concepts but the explanation might lack detail in parts 	2-3	
<ul style="list-style-type: none"> ● makes use of some relevant points in Source B, but not comprehensively 		
<ul style="list-style-type: none"> ● describes briefly one reason, but some of the description may not be correct; or gives one reason but it is irrelevant, and does not explain it with reference to the source ● uses the source in a limited manner or inappropriately, e.g. there are discrepancies between the reason and the source 	1	
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0	

1. (c)

Suggested Marking Guidelines	Marks
<p>The candidate:</p> <ul style="list-style-type: none"> ● presents his/her stance clearly and consistently ● explains and justifies clearly and logically whether the ways in Source B or Source C can better solve the problem shown in Source A with reference to the sources and his/her own knowledge; provides an informed argument by comparing the effectiveness and limitations of the ways in Source B and C, in view of the current situation in Hong Kong ● shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. globalization, environmental conservation, civic responsibility, etc.); explains clearly and in detail his/her argument with reference to the sources and his/her own knowledge; may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. 	7-8
<p><i>The way in Source B can better solve the problem: (using the Internet to encourage people to participate in the rubbish collection campaign)</i></p> <ul style="list-style-type: none"> ■ The ‘Trashtag challenge’ was a self-initiated campaign which called upon people with the same goals or interests to participate. Through collecting rubbish, people were better able to understand the littering problem in the countryside and the campaign aroused people’s concern to the problem of environmental pollution. On the contrary, law enforcement only treats the symptoms but not the root cause: people may litter when there is no supervision. ■ Within a short time, 300 000 people had visited the post in the Internet, which shows that the Internet can spread information quickly to large numbers of people. Smartphones are commonly used in Hong Kong, and network coverage is good, a great hit is created. The non-stop reposting and assigning of ‘likes’ created a social phenomenon and helped notify people about this problem. Usually, people do not actively promote the law among themselves. It is difficult to arouse the interest of the public in social issues without social media. ■ The ‘Trashtag challenge’ encouraged people to take action to clear trash from the countryside. Unlike general education and propaganda, the challenge did not focus on cognitive awareness about the issue but rather on encouraging people to go to the countryside to clean up the rubbish, and so had a direct impact on relieving the rubbish problem in the countryside. In contrast, law enforcement only punishes people who have been caught littering, which is just at the behavioural level. The Law in itself cannot cultivate civic responsibility. 	
<p><i>The way in Source C can better solve the problem: (enhancing law enforcement against littering in country parks)</i></p> <ul style="list-style-type: none"> ■ The law is a deterrent to people, and therefore more effective. According to the Country Parks and Special Areas Regulations, it is an offence for anyone to litter within the country park, and offenders will be fined \$1 500. With enhanced enforcement of the regulations, many offenders in Hong Kong were prosecuted, which might have deterred others from littering. The ‘Trashtag challenge’ was only voluntary in nature, with no legal basis, so the incentive to participate was not strong. ■ Law enforcement tackles the root of the problem, which is to regulate peoples’ littering behaviour. Law enforcement can solve the environmental pollution problem in the countryside from its root cause. The ‘Trashtag challenge’ only addressed the problem of rubbish already in the countryside. ■ The law once in place is there to restrict people from littering, and help them to establish environmentally friendly behaviour. Although both ways can raise the concern of the public, the enthusiasm cannot last for long, e.g. the ice bucket challenge, it once aroused people’s attention to the rare disease, but then people gradually lost their attention when the enthusiasm is gone. 	

<ul style="list-style-type: none"> ● makes full and appropriate use of the sources to provide a clear explanation of the arguments ● provides well-structured and in-depth arguments ● presents his/her stance consistently ● justifies his/her arguments by drawing on much of the relevant evidence from the sources and his/her knowledge but may not fully support the arguments and may provide a slightly limited discussion of the issue; explains his/her arguments by drawing upon some of the points above or other appropriate alternatives ● shows an understanding of the relevant knowledge and concepts and an ability to apply them appropriately ● makes appropriate use of some of the sources available ● provides a well-structured discussion, demonstrating some evidence of critical analysis, though this might lack detail 	
<ul style="list-style-type: none"> ● presents his/her stance but possibly with insufficient clarity ● attempts to describe which way is better to solve the problem shown in Source A, but lacks clarity/ consistency; does not compare in sufficient depth or detail how the way he/she chose can solve the problem; attempts to construct arguments by drawing upon some of the points above or other appropriate alternatives, but the explanation is superficial ● shows an incomplete understanding of the issue or is only able to apply relevant knowledge and concepts in a basic way ● makes partial use of the sources available but not always appropriately ● provides a shallow and poorly structured discussion, and does not always articulate his/her ideas clearly 	5-6
<ul style="list-style-type: none"> ● presents no clear stance and may put forward contradictory arguments ● attempts to explain briefly how the way in Source B or Source C can solve the problem shown in Source A; uses irrelevant/ inappropriate examples/ information for illustration ● makes limited/ inappropriate use of sources; may draw the wrong conclusions from the sources ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas vaguely ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	3-4
	1-2
	0

2. (a)

Suggested Marking Guidelines	Marks
The candidate:	
<ul style="list-style-type: none"> ● According to Source A, clearly describes two major features of global new investment in renewable power and fuels, e.g. <ul style="list-style-type: none"> ■ In general, between 2013 and 2018, new investments in renewable energy and fuels increased globally. Although there were declines in 2016 (from 318.5 billion US dollars to 293.8 billion US dollars) and 2018 (from 326.3 billion US dollars to 288.9 billion US dollars), the total amount of new investment was still higher than in 2013. In addition, new investment reached 288.9 billion US dollars in 2018, an increase of 57.2 billion (about 25%) on the 2013 figure of 231.6 billion US dollars. ■ China and the other developing and emerging countries have invested more in renewable power and fuels than those developed countries. In 2013, the new investment of developed countries (133.2 billion US dollars) was greater than that of China and the other developing countries and emerging countries combined (98.4 billion US dollars). In the following years, the gap between the two gradually narrowed and by 2015, investment by China and the other developing countries and emerging countries (170.5 billion US dollars) had exceeded that of the developed countries (148 billion US dollars). ■ In 2017, the world's new investment in renewable power and fuels was at its highest in 2017, reaching 326.3 billion US dollars, while China's new investment in that year was 145.9 billion, the highest during the period 2013-2018 and even higher than the developed countries' total (122.2 billion US dollars). China's investment increased in that year, and even led the global new investment to a peak during the period 2013-2018. ■ In the period 2013-2018, China invested more in renewable power and fuels than other developing and emerging countries. The biggest difference was in 2017, the new investment of China (145.9 billion US dollars) was more than other developing and emerging countries (58.2 billion US dollars), the difference was 87.7 billion, and nearly 1.5 times. 	4
<ul style="list-style-type: none"> ● makes full and appropriate and use of the source ● attempts to describe two major features of global new investment in renewable power and fuels according to Source A, but does not explain them with sufficient clarity; or only describes one feature briefly ● makes use of some relevant points in the source, but not comprehensively ● briefly describes some of the figures, but some parts may not be correct ● makes use of the source in a limited manner, or sometimes inappropriately ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	2-3
	1
	0

2. (b)

The candidate:	Suggested Marking Guidelines	Marks
<ul style="list-style-type: none"> ● with reference to Source B, identifies and clearly explains two reasons for the rapid growth in the use of solar energy in China; shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. renewable energy, energy efficiency, responsibility, etc.); may draw upon some of the points below or other appropriate alternatives, e.g. 		5-6
<ul style="list-style-type: none"> ■ The development of China's solar energy industry has been promoted by policies such as the '12th Five-Year Plan' and '13th Five-Year Plan'. With the active cooperation of national policies, various types of resources and subsidies, etc. have been provided to support rapid growth in the use of solar energy in China. ■ There has been significant progress in the use of solar energy technology in China. This has reduced costs and improved the efficiency of power generation, creating suitable conditions for the widespread use of solar energy. This technological progress is helping improve the feasibility and efficiency of solar energy use in China. ■ To alleviate domestic environmental problems, China has vigorously developed solar energy. Solar energy is a renewable energy source, and its vigorous development and use can reduce the use of other fossil fuels (such as coal) and help alleviate various environmental problems caused by coal burning. ■ To fulfil its responsibilities as a great power, China is actively developing new energy sources, with the development of solar energy being the focus. China put forward the goal of 'carbon neutrality' for the first time at a United Nations meeting. To this end, it will reduce the use of fossil fuels and achieve the goal of reducing emissions through vigorous development of new energy sources. 		
<ul style="list-style-type: none"> ● makes full and appropriate use of the source ● provides a well-structured, clear and in-depth elaboration 		
<ul style="list-style-type: none"> ● with reference to the source, identifies and attempts to explain two reasons, but does not explain fully or clearly; or identifies and explains fully only one reason; applies relevant knowledge and concepts, but the analysis might lack detail ● makes use of some relevant points in the source, but not comprehensively ● provides a well-structured elaboration, though it might lack clarity/ detail 	3-4	
<ul style="list-style-type: none"> ● points out one/ two reason(s) and attempts to offer a brief explanation for the reason, but the reason is not totally correct or relevant to the source ● uses the sources in a limited manner or inappropriately, e.g. the answer shows there are discrepancies between the reason and the source ● gives a superficial answer with little organisation or/ without focus; expresses his/her ideas vaguely 	1-2	
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 		0

2. (c)

Suggested Marking Guidelines	Marks
<p>The candidate:</p> <ul style="list-style-type: none"> ● explains and justifies clearly and logically the ways in which the sources might be used to support the claim; draws appropriately upon relevant evidence from the sources to justify the argument ● shows an in-depth understanding and an appropriate application of relevant knowledge and concepts (e.g. sustainable development, renewable energy, carbon emissions, quality of life, etc.), in view of the current situation in China; may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. <ul style="list-style-type: none"> ■ Economic aspects: China's new investment in renewable energy and fuels has continued to grow (Source A), which can drive the vigorous development of the solar energy industry. The increased investment drives further improvement in technology and output, and the sustained development of the new energy industry can drive the country's economic development. In addition, China's solar energy technology is advanced (Source B), and the power generation efficiency has also been enhanced, which can reduce energy waste in the energy conversion process. The improvement in technology and scale can also reduce the cost of solar energy and achieve better energy efficiency. ■ Social aspects: solar energy has a significant role in poverty alleviation, helping to promote equal resource use and distribution among the same generation, to achieve a more sustainable society. By taking full advantage of natural resources in poverty-stricken areas, solar power generation can bring cheaper and more stable electricity to the area and meet its energy and development needs (Source C). Also, it enables the selling of surplus electricity to the power network to increase the income and promote the long-term development of poverty-stricken areas. ■ Environmental aspects: the use of solar energy in China can reduce damage to the environment while meeting the needs of social and economic development, it also balances the needs of environmental conservation. China's new investment in renewable energy and fuels accounts for a large percentage of the world total (Source A). The investment in resources will help further enhance the popularity and technology of solar power generation. Large-scale use of solar energy and improvements in power generation efficiency will help reduce the use of fossil fuels in China (Source B), directly reduce the carbon emissions generated by power generation and help alleviate environmental problems. ■ Use of energy: the vigorous development of solar energy can reduce the use of other fossil fuels and make the structure of energy use more sustainable. China has set a target ratio for renewable energy consumption, hoping to achieve 15% in 2020 and 20% in 2030 (Source B). Solar energy is an important part of this plan as fossil fuels are non-renewable energy sources and will run out one day. With an over-reliance on fossil fuels, the next generation will not be able to use this energy source for its development. On the contrary, solar energy is a renewable energy source. The further use of solar energy can change China's energy structure and achieve better sustainable development. 	7-8
<ul style="list-style-type: none"> ● makes full and appropriate use of the sources available to explain how they support the view ● provides a well-structured, clear and in-depth elaboration <ul style="list-style-type: none"> ● justifies how the sources might be used to support the view, but does not explain fully or clearly in parts ● shows an understanding of the relevant knowledge and concepts and an ability to apply them where appropriate ● makes appropriate use of some of the sources available ● provides a well-structured elaboration, though it might lack clarity/ detail in parts 	5-6

<ul style="list-style-type: none"> ● attempts to justify his/her argument by referring to the sources, but lacks clarity/ consistency; attempts to explain in what ways the use of solar energy promotes China's sustainable development but does not provide sufficient depth or detail from the sources; constructs an argument by quoting the sources but the explanation/ justification is partial/ may not explain the relationship between the use of solar energy and China's sustainable development ● shows partial understanding or is only able to apply relevant knowledge and concepts in a basic way ● makes partial use of the sources available but not always appropriately ● gives an answer which is somewhat shallow and poorly structured, and does not always articulate his/her ideas clearly 	3-4
<ul style="list-style-type: none"> ● identifies/ lists a few advantages of the use of solar energy and briefly explains sustainable development but fails to relate them to each other; attempts to explain his/her arguments but the explanation is too partial; makes a minimal attempt to explain it/them with reference to the sources ● makes limited/ inappropriate use of the sources to explain how the claim might be supported; may draw some wrong conclusions from the sources ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas vaguely 	1-2
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0

3. (a)

Suggested Marking Guidelines		Marks	
The candidate:			
<ul style="list-style-type: none"> ● identifies and clearly describes the development of e-sports in the world shown in Source A (Figure A1 and Figure A2), and explains clearly and logically one potential benefit to society as deduced from Source A, e.g. 		5	
<ul style="list-style-type: none"> ■ global e-sports have developed vigorously in terms of revenue growth and audience building, starting in 2017. <ul style="list-style-type: none"> • Figure A1: <ul style="list-style-type: none"> - Global e-sports revenues in total have shown an overall trend of increase from 2017 to 2019, and this trend is expected to continue and lead to greater revenue in 2022. Among the various sources of revenue, merchandise and tickets, and game publisher fees, account for a relatively small portion of the revenue. The revenue from brand investment accounts for a major portion of the overall revenues. This situation is even more visible in the projected 2022 figures. - The increase in revenues from merchandise and tickets from 2017 to 2019 further indicates that globally there are more spectators of e-sports competitions at the venues, and the number of global consumers of e-sports merchandise is increasing. • Figure A2: The number of global e-sports audience increased from 2017 to 2019, and this trend is estimated to continue in the near future, as the projected number in 2022 is even higher. Although both kinds of audience increase, there is a change of their proportion in relation to the overall audience number from 2017 to 2022 as projected. In proportion, the core enthusiasts gradually become more significant in the overall global audience composition (the projected 2022 figures show occasional audience accounting for 53% vs core enthusiasts 47%). ■ Potential benefits to society, e.g.: <ul style="list-style-type: none"> • More career opportunities for e-sports professionals, as players, engaging in professional competition, or as related personnel such as coaches, e-sports commentators, team managers, and agents. These career opportunities benefit not only the individuals by providing more diversified career choices, but also the society as a whole because different talents can be recognised and have the chance to develop and contribute to the overall development of the society. • The increasing trend means that more industries related to the construction of e-sports venues, as well as the production and sale of merchandise, and games publishing will directly benefit from an increase in global interest and endorsement of e-sports. Other related industries such as the media and advertising, although not directly involved in e-sports, have generated a large proportion of the revenue from e-sports since 2017. These industries will support more career development and global cooperation in the near future. 			
<ul style="list-style-type: none"> ● makes full and appropriate use of the source 			
<ul style="list-style-type: none"> ● describes the development of e-sports in the world using Source A (Figure A1 and Figure A2) but does not describe it clearly; or describes the development only from Figure A1 or Figure A2 ● identifies a potential benefit to society from Source A but does not explain fully or with sufficient clarity ● makes use of some relevant points in the source but not comprehensively ● briefly describes some of the figures but some of the description may not be correct ● identifies one potential benefit or does not identify any potential benefit and the explanation is too partial, and may not draw a relationship with the source ● uses the source in a limited manner or sometimes inappropriately ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	3-4	1-2	0

3. (b) Suggested Marking Guidelines	Marks
<p>The candidate:</p> <ul style="list-style-type: none"> ● identifies and clearly explains one advantage and one difficulty Hong Kong has with the development of the e-sports industry, with reference to the sources and his/her own knowledge ● shows an in-depth understanding and appropriate application of relevant knowledge and concepts (e.g. talent grooming, career planning, social and cultural traditions about job nature, etc.); may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. <p>■ <i>Advantages Hong Kong possesses in the development of the e-sports industry: (any one)</i></p> <ul style="list-style-type: none"> • A large pool of local potential talent already exists to be tapped. A survey showed that there are 300,000 e-sports players in Hong Kong, and one-tenth of young people between 15 and 29 years old were willing to pursue e-sports as their career (Source B). The participation of these youngsters as audience members or consumers is a good basis for the development of the industry. Young people who are ready to pursue this as their career are significant human resources for the systematic development of the e-sports industry in Hong Kong. • Hong Kong has outstanding and competitive e-sports players, as demonstrated by Hong Kong's achievements in the 2018 Asian Games (Source C) in which the Hong Kong team qualified for 4 of the 6 events, and won a gold medal. This is strong proof that there are talented e-sports players in Hong Kong, who are extremely smart and resilient, and they would be able to benefit from systematic and professional training supported by the Government or business. • Relevant educational and professional programmes have been offered by local institutions to provide an all-round career training experience for people willing to join the industry (Source B). The e-sports industry involves a chain of related industries (Source A) such as the media, programming, leisure and sports management, sales and marketing, as well as cyber safety and the law. Having appropriately designed and targeted programmes is essential preparation for the sector's healthy development. <p>■ <i>Difficulties Hong Kong faces in the development of the e-sports industry: (any one)</i></p> <ul style="list-style-type: none"> • Currently there is a lack of appropriate infrastructure to support the long-term development of e-sports. In Source C, it is mentioned that there is not even an appropriate e-sports venue in Hong Kong, which indicates how much it lags behind other places. Besides the 'hardware' of a venue, 'software' is also needed to support the successful development of the industry in Hong Kong, such as the sourcing and cultivation of local talent, the provision of systematic training to relevant personnel in the chain of related industries, and the establishment of global connections. All these will require cooperation between the Government and private business sectors, as well as communication with the local community, which at present is not obvious. • Another challenge faced by Hong Kong in the development of e-sports industry mentioned in Source C is people's general mindset and beliefs about e-sports. In Hong Kong, it is conventionally believed that good examination results are the most important achievement for secondary students because it usually means getting into the university, and securing a good chance for career development in the future. Parents usually encourage students to spend most of their time on studies and look upon any other activities as a distraction from the proper task of studying. To many people, engaging in e-sports means playing video games only, and they do not see this as a serious commitment that involves long hours of training. 	6-8

<ul style="list-style-type: none"> ● makes full and appropriate use of the sources to provide a clear explanation of the arguments ● provides a well-structured, clear and in-depth elaboration 	
<ul style="list-style-type: none"> ● identifies and explains one advantage and one difficulty Hong Kong has with the development of e-sports industry, but does not explain fully or with sufficient clarity; or clearly identifies and fully explains one advantage or one difficulty with reference to the sources; or either one described may be irrelevant ● applies relevant knowledge and concepts, but the analysis might lack detail ● makes appropriate use of some of the sources available ● provides a well-structured elaboration, though it might lack clarity/ detail 	3-5
<ul style="list-style-type: none"> ● identifies or attempts to explain one advantage and one difficulty Hong Kong has with the development of e-sports industry, but the explanation is partial; or identifies either one advantage or difficulty, or both advantage and difficulty, but makes no attempt to explain with reference to the sources ● makes partial use of the sources available but not always appropriately ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas unclearly 	1-2
<ul style="list-style-type: none"> ● fails to identify any contexts/ makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0

Paper 2

1. (a)	Suggested Marking Guidelines	Marks
The candidate:		
<ul style="list-style-type: none"> ● explains clearly and in detail how online information affects personal choices about health ● shows an in-depth understanding and an appropriate application of relevant knowledge and concepts (e.g. disease prevention, health, information literacy, personal responsibility, globalization, etc.); may draw upon some of the points below or other appropriate alternatives, e.g. <ul style="list-style-type: none"> ■ With easy and free access to online health information in many parts of the world, there is good availability of information related to maintaining health and establishing a healthy lifestyle. Well-researched and accurate information on such matters as a healthy diet, proper amount of physical exercise and emotion management, and other healthy daily practices, etc. is easily available online from official government websites or reputable global institutions. This easy and plenty availability of useful resources helps individual users of the internet by offering useful information. ■ Besides maintenance of health, the prevention and treatment of disease can also be facilitated by widely circulated information on the Internet. Individuals can obtain accurate information about various diseases, such as symptoms, possible treatments and preventive measures, and make relevant decisions according to their own situation. It is also possible to compare various opinions about the same condition. News about large-scale outbreaks of disease in one part of the world is also shared globally, meaning that people are alerted to health crises and can make rational decisions about preventive measures and the allocation of resources. ■ Since access to information of different kinds is easy and free, people can decide by themselves how to respond to the information. Exercising good judgment is essential to ensure proper cyber behaviour and good information literacy in practice, so people can benefit from the information available and avoid the potential risks from accessing false or distorted information. If the accuracy of online information is not verified, it may cause mass panic, or wrong decisions to individual health or lifestyle in health-related issues. 	6-8	
<ul style="list-style-type: none"> ● provides a well-structured, clear and in-depth elaboration ● explains how online information affects personal decisions/ choices about health with the support of some relevant knowledge and concepts, but the explanation lacks sufficient detail in parts; tends to focus on certain perspectives ● provides a well-structured elaboration, though it might lack clarity/ detail in parts 	3-5	
<ul style="list-style-type: none"> ● attempts to describe how online information affects personal decisions/ choices about health; lists some concerns posed by online information on personal decisions/ choices about health, but may miss out some important stakeholders/ perspectives; provides an explanation which is incomplete/ may not be completely correct/ relevant; applies a superficial level of knowledge or concepts; provides an answer indicating a lack of understanding of the current situation in the world ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas vaguely 	1-2	
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0	

1. (b)

Suggested Marking Guidelines	Marks
The candidate:	
<ul style="list-style-type: none"> ● presents his/her stance clearly and consistently ● justifies clearly and logically whether he/she agrees/ disagrees with the statement in view of the current situation in the world; supports his/her viewpoint by comparing comprehensively and weighing critically the importance of medical professionals in the task of maintaining public health in the contemporary world ● shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. public health, media, global governance, research and development, etc.); explains clearly and in detail his/her arguments with relevant and valid examples/ observations from contemporary society; may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. 	10-12
<i>Discussion of medical professionals may refer to the following personnel:</i>	
<ul style="list-style-type: none"> ■ Doctors, nurses, therapists, healthcare workers in various capacities ■ Researchers engaging in studies about diseases and illnesses, their treatment and prevention 	
<i>Points of agreement:</i> (<i>Medical professionals play the most important role in maintaining public health</i>)	
<ul style="list-style-type: none"> ■ Medical professionals are contributing to public health in the most direct way by serving on the front line, in contact with patients who suffer from illnesses and diseases. In their various capacities (doctors, nurses, therapists, healthcare workers of various kinds), medical professionals are the people equipped with necessary medical knowledge to diagnose, recommend treatment, monitor progress and oversee post-treatment maintenance. Their direct contact with patients in different stages of treatment means that they are the closest people to patients and their influence is the most visible. ■ Researchers working in laboratories also make a major contribution to public health in their role of expanding what is known about diseases and their treatment, as well as historical developments in these conditions in relation to the changing social, cultural and economic situation. Medical researchers look at data which may yield insights into trends rather than individual cases, and these may have great impact on the understanding and thus prevention of diseases and illnesses, again contributing to maintaining public health. ■ Medical professionals are respected for their unique expertise, their professional knowledge and skills in medicine and healthcare by both the government and the general public. Therefore, they play a major role in advising the government about healthcare provisions such as hospitals and healthcare clinics, sanatoria, amount and type of medicines needed. Besides medical provisions, they are also the main driving force in advising the government on policies related to the achievement of public health, such as the training of medical professionals and laws governing medication and medical treatment registration. They are also expected to be sensitive to the global situation and advise the government on relevant actions in global medical emergencies such as pandemics. 	
<i>Points of disagreement:</i> (<i>Medical professionals do not play the most important role in maintaining public health.</i>)	
<ul style="list-style-type: none"> ■ Although medical professionals have the most direct connection with patients on the front line, maintaining public health is not only a matter of curing diseases when they have happened. The prevention of illnesses and diseases is an equally important component of the maintenance of public health. In this aspect of prevention, the media 	

	<p>has an irreplaceable role to play because it can reach out to the general public, and provide critically important information for individuals to establish good practices/habits of healthy lifestyle, and for institutions to create working and living environments that are favourable to maintaining public health (e.g. hygienic working places, restaurants and public facilities).</p> <ul style="list-style-type: none"> ■ Even in the case of a regional or global outbreak of disease, correct information about the outbreak and recommended actions by medical professionals are still circulated via the media to reach the public for information and for implementation. The need for inter-sector coordination can clearly be seen: production of relevant commodities in relation to the specific need of different situations, regional and global transportation of required materials, as well as the cooperation of different communities in terms of how they assist the implementation of actions and plans relating to public health. Many examples can show that maintenance of public health requires concerted efforts of different communities in the region and internationally, and not relying only on the medical professionals. ■ In terms of preventive measures that may contribute to public health, the government has the most important role to play in educating the public, and in making policies that will prevent the spread of information detrimental to public health, such as false news or advertising and marketing of obviously harmful substances to health. Laws that are favourable to responsible private businesses (e.g. pharmaceutical industry, health and beauty industry, food industry, etc.) should also be established to ensure public health. In this sense, the government has the most important role as the gatekeeper of public health. ■ In preventive measures, the public may perform great contributing role, including maintaining personal hygiene and following government hygiene instructions. When coping with a pandemic, these individual behaviours, such as having high senses of epidemic prevention, wearing masks and getting vaccinated may help prevent the spread of disease in the community. 	
<ul style="list-style-type: none"> ● provides a well-structured, in-depth discussion, demonstrating a high level of critical analysis ● presents his/her stance consistently ● justifies his/her position, basing the answer on his/her knowledge; parts of the discussion lack sufficient depth and detail; the perspective taken into consideration is not wide enough; may construct arguments by drawing upon some of the points above or other appropriate alternatives ● shows an understanding of the relevant knowledge and concepts and an ability to apply them where appropriate, but may not fully utilise concepts/ concrete examples in the discussion ● provides a well-structured discussion, demonstrating some evidence of critical analysis, though it might lack detail in parts 	7-9	
<ul style="list-style-type: none"> ● presents his/her stance, but possibly with insufficient clarity ● attempts to justify his/her position by basing answer on his/her knowledge, but the argument lacks clarity/ consistency/ detail, or might contain inappropriate points, or draw questionable conclusions; provides an argument that lacks an assessment of the importance of the role of medical professionals in maintaining public health/ focuses mainly on what should be considered more important in maintaining public health, rather than clearly justifying why medical professionals play/ do not play the most important role in maintaining public health; tends to explain in general terms how medical professionals maintain public health in contemporary society and does not provide sufficient depth and detail; attempts to construct arguments by drawing upon some of the points above or other appropriate alternatives, but the explanation in support of his/her arguments is superficial ● shows partial understanding or is only able to apply relevant knowledge and concepts in a basic way; does not make reference to contemporary society in the discussion ● provides a somewhat shallow discussion, which is not well structured and does not always articulate his/her ideas clearly 	4-6	

<ul style="list-style-type: none"> ● exhibits no clear stance and may put forward contradictory arguments ● briefly describes medical professionals and their role in maintaining public health, but fails to relate these to each other; attempts to list some positive or negative influences/ effects brought about by medical professionals; attempts to indicate his/her position according to his/her knowledge, but the answer shows a superficial level of understanding and conclusions are inadequate or only partially correct; provides an explanation that is too partial and may show misunderstanding of the relevant concepts/ knowledge: roles of medical professionals/ prevention, treatment and monitoring of diseases/ changing social and economic environment/ international cooperation/ information sharing and exchange/ government policies, etc.; uses irrelevant examples/ information for illustration, etc. ● gives a shallow discussion with little organisation/ without focus; expresses his/her ideas vaguely 	1-3
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0

2. (a)	Suggested Marking Guidelines	Marks
	<p>The candidate:</p> <ul style="list-style-type: none"> ● explains clearly and in detail the impacts of electronic payments on Hong Kong's consumption patterns, with an in-depth and comprehensive analysis of the current situation ● shows an in-depth understanding and an appropriate application of relevant knowledge and concepts (e.g. quality of life, consumption patterns, electronic payment technology, etc.). The candidate may draw upon some of the points below or other appropriate alternatives, e.g. <ul style="list-style-type: none"> ■ As electronic payment is increasingly popular, consumption becomes immediate and without geographical limitations. There are many online shopping platforms accepting electronic payments. Consumers can simply sit at home and buy from any part of the world using facilities such as mobile phone for electronic payment at any time, enjoy a variety of services and products. ■ Electronic payment has paved the way for online consumption platforms and spawned new enterprises such as online shops. Compared to the traditional consumption pattern in which consumers need to go to shop, the emergence of online shops, live sales, Uber, etc. helps the consumers to get the services or products online more easily. Traditional consumption patterns are being replaced by new industries which use electronic payments. ■ Stimulated by the availability of electronic payment, over spending gets more serious. As consumption becomes more convenient and efficient with electronic payment, consumers do not need to pay cash when buying. As a result, consumption becomes casual, without serious consideration of the necessity of purchase. This may bring about impulsive, irrational, and over-consumption. 	6-8
	<ul style="list-style-type: none"> ● provides a well-structured, clear and in-depth elaboration ● explains the possible impacts of electronic payment on consumption patterns in Hong Kong, with the support of some relevant knowledge and concepts, but the explanation lacks sufficient detail in parts; tends to focus on certain payment technologies ● provides a well-structured elaboration, though it might lack clarity/ detail in parts 	3-5
	<ul style="list-style-type: none"> ● attempts to briefly describe some impacts of electronic payment brings on consumption patterns in Hong Kong, provides an explanation which is incomplete/ may not be completely correct/ relevant; applies a superficial level of knowledge or concepts; provides an answer indicating a lack of understanding of the issue/ the current global situation ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas vaguely 	1-2
	<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0

2. (b)

Suggested Marking Guidelines	Marks
<p>The candidate:</p> <ul style="list-style-type: none"> ● presents his/her stance clearly and consistently ● justifies clearly and logically whether he/she agrees/ disagrees with the statement in view of the current situation in Hong Kong and the world; supports his/her viewpoint by comparing comprehensively and weighing critically the opportunities and challenges brought by innovative technology to the career prospects of young people in Hong Kong ● shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. opportunities or challenges, multiple pathways, innovative technology, traditional industries, sustainability, etc.); explains clearly and in detail his/her arguments with relevant and valid examples/ observations from Hong Kong and the world; may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. 	10-12
<p>Points of agreement: <i>(Innovative technology brings more opportunities than challenges to the career prospects of young people in Hong Kong)</i></p> <ul style="list-style-type: none"> ■ The competitiveness of young people in the global human resources market is improved by innovative technology. Schools in Hong Kong are providing Science, Technology, Engineering and Mathematics (STEM) in the curriculum to keep up with the global trend of development. Therefore, young people's understanding and mastery of innovative technology is much better than the older generation's. If young people can make use of the opportunities brought about by the development of innovative technology to broaden their horizons, they will not be confined to the local market. Their skills can easily be transferred to the global market. ■ Innovative technology brings multiple pathways for young people. As a result of technological development, a variety of industries are available to young people. Career choices will not be limited to traditional industries. Moreover, the adaptability of young people is higher. It will be easier for them to learn new technology. Career matching will be easier to succeed. ■ Innovative technology can help young people to discover their potential. Innovative technology leads to the development of many new industries. Facing a fast-changing world, young people should make more effort to equip themselves to face the challenges brought by the 21st century. They can face and understand themselves better during the process. This helps them discover their potentials and limitations, therefore they can develop their own talents and skills. 	
<p>Points of disagreement: <i>(Innovative technology brings more challenges than opportunities to the career prospects of young people in Hong Kong)</i></p> <ul style="list-style-type: none"> ■ Some of the advantages Hong Kong enjoyed in the past may disappear because of the development of innovative technology under globalization. As global interactions are no longer bound by time and space, the role of Hong Kong will no longer be the middleman. The demand for human resources in innovative technology will shift from Hong Kong to the world. The competitiveness of Hong Kong young people in the global human resources market will be lowered. ■ Employment opportunities in labour-intensive industries are reduced because of innovative technology. Some traditional industries are declining or have ceased to exist, these may lead to increased unemployment among young people. Emergence of innovative technology brings negative impact to the demand of human resources. Needs of labour force decrease, for example, the demand for sales staff in supermarkets has decreased with the adoption of automated sales systems, meaning fewer job opportunities in this area. Young people will have less choice of jobs. ■ Innovative technology is more related to Sciences, Technology, Engineering and 	

	Mathematics. These areas may not be fit the aptitudes of some young people. Those who have more of an aptitude for the arts and culture may have less interest in innovative technology, and therefore may not be able to benefit from the career prospects offered by rapid development of innovative technology. These young people may even find their career prospect more challenging.	
● provides a well-structured, in-depth discussion, demonstrating a high level of critical analysis		
● presents his/her stance consistently		7-9
● justifies his/her position, basing the answer on his/her knowledge, but the range of arguments evaluating the opportunities and challenges is not comprehensive; may construct arguments by drawing upon some of the points above or other appropriate alternatives		
● shows an understanding of the relevant knowledge and concepts and an ability to apply them where appropriate, but may not fully utilise concepts/ concrete examples in the discussion		
● provides a well-structured discussion, demonstrating some evidence of critical analysis, though it might lack detail in parts		
● presents his/her stance, but possibly with insufficient clarity		4-6
● attempts to justify his/her position by basing answer on his/her knowledge, but the argument lacks clarity/ consistency/ detail, or might contain inappropriate points, or draw questionable conclusions; tends to explain the opportunities and challenges in general terms/ tends to focus on certain dimensions of innovative technology (such as artificial intelligence) and does not provide sufficient depth and detail; attempts to construct arguments by drawing upon some of the points above or other appropriate alternatives, but the explanation in support of his/her arguments is superficial		
● shows partial understanding or is only able to apply relevant knowledge and concepts in a basic way; does not make reference to the current situation in Hong Kong and the world in innovative technology in the discussion		
● provides a somewhat shallow discussion, which is not well structured and does not always articulate his/her ideas clearly		
● exhibits no clear stance and may put forward contradictory arguments		1-3
● attempts to describe briefly opportunities and challenges to career prospects of the young people brought by innovative technology, but fails to relate them to each other; attempts to list the pros and cons of innovative technology; attempts to indicate his/her position according to his/her knowledge, but the answer shows a superficial level of understanding and conclusions are inadequate or only partially correct; provides an explanation that is incomplete and may show misunderstanding of the relevant concepts/ knowledge: opportunities and challenges brought by innovative technology; uses irrelevant examples/ information for illustration, etc.		
● gives a shallow discussion with little organisation/ without focus; expresses his/her ideas vaguely		
● makes no attempt to answer the question		
● gives an answer which is not relevant to the question		0

3. (a)

Suggested Marking Guidelines		Marks
The candidate:		
<ul style="list-style-type: none"> ● explains clearly and in detail the factors affecting Hong Kong people's exercise habits, with an in-depth and comprehensive analysis in view of the current situation in Hong Kong ● shows an in-depth understanding and an appropriate application of relevant knowledge and concepts (e.g. sports participation, lifestyle, health, etc.); may draw upon some of the points below or other appropriate alternatives, e.g. <p>■ The availability of infrastructure affects Hong Kong people's sports participation. The availability of sports grounds, recreational facilities and parks provide hardware for citizens to stretch their bodies and do sports. In recent years, the Government has allocated more resources to enhancing sports facilities. More newly-constructed recreation and sports venues are present, such as Waterfront Promenade, Hong Kong Velodrome Park, etc. to cater the needs for sports in different districts. With high accessibility to sports facilities, people are more motivated to engage in sports.</p> <p>■ The social and cultural atmosphere can encourage the public to engage in sports activities. In recent years, more and more international sports events are hosted in Hong Kong, such as Hong Kong Rugby Sevens, the World Track Cycling Championships, etc. The outstanding performance of local athletes in such sports as swimming and cycling, etc. encourages people to learn more about different types of sports, rules of sports, sports culture and origins of sport. The strong atmosphere brought up by these events foster the public's interest in sports.</p> <p>■ The degree of health awareness affects Hong Kong people's exercise habits. In recent years, under the promotion of the Government and various non-governmental organisations, people understand the importance of healthy living more than ever. They know that regular exercise in busy life such as running and speed walking, can improve their physical and mental health.</p>	6-8	
<ul style="list-style-type: none"> ● provides a well-structured, clear and in-depth elaboration ● explains the factors affecting Hong Kong people's exercise habits with the support of some relevant knowledge and concepts but the explanation lacks sufficient detail in parts; tends to focus on certain perspectives/ stakeholders ● provides a well-structured elaboration, though it might lack clarity/ detail in parts 	3-5	
<ul style="list-style-type: none"> ● attempts to describe some factors affecting Hong Kong people's exercise habits; lists some facts relating to people doing sports/ sports engagement/ participation in Hong Kong, but may miss out some important perspectives; provides an explanation which is incomplete/ may not be completely correct/ relevant; applies a superficial level of knowledge or concepts; provides an answer indicating a lack of understanding of the factors/ the current situation in Hong Kong ● gives a superficial answer with little organisation/ without focus; expresses his/her ideas vaguely 	1-2	
<ul style="list-style-type: none"> ● makes no attempt to answer the question ● gives an answer which is not relevant to the question 	0	

3. (b)

The candidate:	Suggested Marking Guidelines	Marks
<ul style="list-style-type: none"> presents his/her stance clearly and consistently justifies clearly and logically the extent to which he/she agrees/ disagrees with the statement in view of the current situation in Hong Kong; supports his/her viewpoint by comparing comprehensively and weighing critically whether resources for culture and sports would significantly enhance the quality of life in Hong Kong shows an in-depth understanding and an appropriate application of the relevant knowledge and concepts (e.g. quality of life, public interest, priority for resource allocation, limitations and balance, Basic Laws statement that HKSAR shall use its financial revenues exclusively for its own purposes, etc.); explains clearly and in detail his/her arguments with relevant and valid examples/ observations regarding Hong Kong; may construct arguments by drawing upon some of the points below or other appropriate alternatives, e.g. 		10-12
<p><i>Points of agreement:</i> (To significantly enhance the quality of life of Hong Kong people, the Government should allocate more resources to culture and sports.)</p> <ul style="list-style-type: none"> Allocating more resources to culture and sports helps reduce the financial burden on the Government in the long term. Physical inactivity leads to heavy burden to the society, a lot of chronic diseases such as heart diseases and stroke, etc. are a burden to both the society and the families. Working productivity is lost and the cost is borne by the society. If more resources are allocated to upgrade present culture and sports facilities, increase the availability of these facilities and promote culture and sports, people will learn more about the importance of doing sports, and thus reducing the burden on public healthcare system. Cultural and sporting activities help to meet needs beyond those which are purely material. By participating in such activities, people can cultivate their interest, relieve tension, build satisfaction, meet like-minded friends and broaden their social circle. By allocating more resources to culture and sports, the Government can organise diversified culture and sports activities, so as to enrich people's spiritual life and provide them with outlets to soothe their pressure. Allocating more resources to culture and sports facilities helps boost the economy. Sports and cultural tourism, which has been a key development in tourism in recent years, can attract visitors from around the world and bring revenue from related industries such as retailing, hotels and service. If more world-class facilities such as stadiums and infrastructure are constructed in Hong Kong, large-scale international events could be held, further boosting economic development in Hong Kong. Cultural and sports activities can enhance the quality of life in Hong Kong by increasing pride and unity in society. Hong Kong's elite athletes have achieved many good results in international sports competitions in recent years, for example, Sarah Lee, Rex Tsoi and Stephanie Au, Hong Kong people are proud of their outstanding performances. Their achievements remind people of the Hong Kong spirit of striving continuously to strengthen oneself and never giving up. Thus, if the Hong Kong Government allocates more resources to sports and culture, the social aspect of the quality of life in Hong Kong will be significantly enhanced. 		
<p><i>Points of disagreement:</i> (To significantly enhance the quality of life of Hong Kong people, the government should not allocate more resources to culture and sports.)</p> <ul style="list-style-type: none"> Cultural and sports activities can only bring limited revenue to Hong Kong, so allocating more resources to culture and sports is not cost-effective. Although the culture and sports industries bring a great revenue to the society in foreign countries, 		

the market in Hong Kong is small and the society pays less attention to culture and sport than other foreign countries, even if the government allocate more resources on them, the real return in the short term is limited. Thus, it cannot significantly enhance the economic aspect of quality of life in Hong Kong.

- In Hong Kong, people live very hectic and competitive lives. The working hours rank among the highest in the world. It is therefore difficult for them to take the time to engage in such activities. Even with the availability of facilities or programmes, the lack of time may be a large obstacle for them to do sports and participate in cultural and sports activities.
- Considering the current situation in Hong Kong, enhancing the material life of Hong Kong people is more urgent and important than their non-material life, such as the development of culture and sports. With the limited resources, the Government should allocate more resources to such areas as housing planning, economic development and infrastructure construction, etc. which can improve the quality of life of Hong Kong people more directly and effectively by meeting their material needs. On the contrary, the development of culture and sports should be the next step, after the material life of Hong Kong people has reached a reasonable level.

- provides a well-structured, in-depth discussion, demonstrating a high level of critical analysis

- presents his/her stance consistently
- justifies his/her position, basing the answer on his/her knowledge; parts of the discussion lack depth and detail; the perspective taken into consideration is not wide enough; may construct arguments by drawing upon some of the points above or other appropriate alternatives
- shows an understanding of the relevant knowledge and concepts and an ability to apply them where appropriate, but may not fully utilise concepts/ concrete examples in the discussion
- provides a well-structured discussion, demonstrating some evidence of critical analysis, though it might lack detail in parts

7-9

- presents his/her stance, but possibly with insufficient clarity
- attempts to justify his/her position by basing the answer on his/her knowledge, but the argument lacks clarity/ consistency/ detail, or might contain inappropriate points, or draw questionable conclusions; provides an argument that lacks an assessment of whether the Government should allocate more resources to culture and sports/ focuses mainly on what should be considered to significantly enhance the quality of life in Hong Kong, rather than clearly justifying why the Government should/should not allocate more resources to culture and sports; tends to explain in general terms the relevance of allocating more resources to culture and sports to quality of life in Hong Kong and does not provide sufficient depth and detail; attempts to construct arguments by drawing upon some of the points above or other appropriate alternatives, but the explanation in support of his/her arguments is superficial
- shows partial understanding or is only able to apply relevant knowledge and concepts in a basic way; does not make reference to the Hong Kong context in the discussion
- provides a somewhat shallow discussion, which is not well structured and does not always articulate his/her ideas clearly

4-6

- exhibits no clear stance and may put forward contradictory arguments
- briefly describes the allocation of resources to culture and sports, and quality of life in Hong Kong, but fails to relate them to each other; attempts to list some positive or negative impacts brought about by more resources for culture and sports; attempts to indicate his/her position according to his/her knowledge, but the answer shows a superficial level of understanding and conclusions are inadequate or only partially correct; provides an explanation that is too partial and may show misunderstanding of the relevant concepts/ knowledge; uses irrelevant examples/ information for illustration, etc.
- gives a shallow discussion with little organisation/ without focus; expresses his/her ideas vaguely

1-3

- makes no attempt to answer the question
- gives an answer which is not relevant to the question

0