

科目：英文作文

系組：英國語文學系

年級：二

Typically, the characteristics that come to define a generation appear gradually, and along a continuum. Beliefs and behaviors that were already rising simply continue to do so. Millennials, for instance, are a highly individualistic generation, but individualism had been increasing since the Baby Boomers turned on, tuned in, and dropped out.

Around 2012, I noticed abrupt shifts in teen behaviors and emotional states. The changes weren't just in degree, but in kind. The biggest difference between the Millennials and their predecessors was in how they viewed the world; teens today differ from the Millennials not just in their views but in how they spend their time. The experiences they have every day are radically different from those of the generation that came of age just a few years before them.

What happened in 2012 to cause such dramatic shifts in behavior? It was after the Great Recession, which officially lasted from 2007 to 2009 and had a starker effect on Millennials trying to find a place in a sputtering economy. But it was exactly the moment when the proportion of Americans who owned a smartphone surpassed 50 percent.

Born between 1995 and 2012, members of this generation are growing up with smartphones, have an Instagram account before they start high school, and do not remember a time before the internet. iGen's oldest members were early adolescents when the iPhone was introduced, in 2007, and high-school students when the iPad entered the scene, in 2010. A 2017 survey of more than 5,000 American teens found that three out of four owned an iPhone.

Rates of teen depression and suicide have skyrocketed since 2011. It's not an exaggeration to describe iGen as being on the brink of the worst mental-health crisis in decades. Much of this deterioration can be traced to their phones. Teens who spend more time than average on screen activities are more likely to be unhappy, and those who spend more time than average on nonscreen activities are more likely to be happy. Eighth-graders who spend 10 or more hours a week on social media are 56 percent more likely to say they're unhappy than those who devote less time to social media. At the generational level, when teens spend more time on smartphones and less time on in-person social interactions, loneliness is more common. Since 2007, the homicide rate among teens has declined, but the suicide rate has increased. (401 words)

--adapted from "Have Smartphones Destroyed a Generation?" by Jean M. Twenge

Write an essay on whether you agree with Twenge's titular question about the impact of smartphones on adolescents. Please state a clear response with specific reasons either agreeing with or refuting Twenge's main points. Your essay should have a clear introduction, body, and conclusion. Suggestion: the body paragraphs should correspond with the specific reasons you list in your response to the titular question.

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科目：英文文法應用

系組：英國語文學系

年級：二

※請將正確答案依題號順序寫在答案卷上。

I. Vocabulary (30%)**Part 1: Find the synonym of the word in boldface.**

1. **Deceptively** simple in design, the sculptural works of Isamu Noguchi incorporate a broad range of textures, sizes, and contours.
A. Generally B. Misleadingly C. Exceptionally D. Noticeably
2. Automaton are mechanical objects that become relatively self-operating once they have been **actuated**.
A. set in motion B. cleaned up C. timed D. motivated
3. Since speech is such a familiar activity, it is often regarded as a universal **endowment**.
A. habit B. event C. gift D. trait
4. When **menaced** by a predator in close proximity, a snake may suddenly alter its behavior.
A. trapped B. bitten C. wounded D. threatened
5. Pastel sketches become **smudged** easily and should be kept under glass.
A. faded B. smeared C. smashed D. wrinkled
6. In the groundbreaking musical play *Oklahoma*, Agnes De Mille successfully **blended** story, dancing, and popular music into a unified work.
A. dissolved B. transferred C. combined D. transformed
7. Samuel Morse requested from the Congress of the United States an **appropriation** to construct an experimental telegraph line.
A. power B. property C. guidance D. funding
8. The **merit** of a sales tax is that it decreases government reliance on income taxes.
A. balance B. outcome C. virtue D. surplus
9. The concept of upward social mobility has been an **abiding** feature of American life.
A. enduring B. intriguing C. observable D. unaffected
10. The knee-jerk reflex is activated when a person **stumbles**.
A. Prays B. jumps in the air C. hits the ground D. trips

Part 2: Choose the correct word to complete the passage below

Are 11. _____ grown foods the best food choices? The advantages claimed for such foods over 12. _____ grown and marketed food products are now being debated. Advocates of organic foods—a term whose meaning varies greatly—frequently proclaim that such products are safer and more 13. _____ than others. The growing interest of 14. _____ in the safety and nutritional quality of the typical North American diet is a welcome development. However, much of this interest has been sparked by sweeping 15. _____ that the food supply is unsafe or inadequate in meeting nutritional needs. Although most of these claims are not supported by scientific 16. _____ the preponderance of written materials in advancing such claims makes it difficult for the general public to separate fact from 17. _____. As a result, claims that eating a diet

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年級：二

consisting entirely of organically grown foods prevents or cures 18. ____ or provide other benefits to 19. ____ have become widely publicized and form the basis for 20. ____.

- | | | | | |
|-----|----------------|-----------------|-------------------|------------------|
| 11. | A. naturally | B. locally | C. genetically | D. organically |
| 12. | A. chemically | B. mechanically | C. conventionally | D. traditionally |
| 13. | A. delicious | B. attractive | C. affordable | D. nutritious |
| 14. | A. consumers | B. merchants | C. inspectors | D. sponsors |
| 15. | A. experiments | B. surveys | C. claims | D. regulations |
| 16. | A. opinion | B. theory | C. knowledge | D. evidence |
| 17. | A. theory | B. fiction | C. opinion | D. hypothesis |
| 18. | A. stress | B. obesity | C. disease | D. fatigue |
| 19. | A. fitness | B. health | C. wellness | D. longevity |
| 20. | A. reality | B. folklore | C. science | D. nutrition |

II. Grammar (40%)

Choose the best answer to complete the sentence.

21. Even with vast research, there is still a great deal that is _____ known about the workings of the human brain.
A. none B. neither C. no D. not
22. Typically, _____ in meadows or damp woods and bloom in the spring.
A. wild violets growth B. growing wild violets
C. wild violets grow D. the growth of wild violets
23. The art works of Madlyn-Ann Woolwich are characterized by strong, dark colors and find attention to patterns of light _____ the viewer's eye.
A. attract to B. which attraction C. when attracted D. that attract
24. An etude is a short musical composition written especially _____ a particular technique.
A. enables students practicing B. enable students practicing
C. enable students to practice D. to enable students to practice
25. Salt is manufactured in quantities that exceed those of most, _____, other commercial chemicals.
A. of all not B. not if all are C. are not all D. if not all
26. Muskrats generally _____ close to the edge of a bog, where their favorite plant foods grow plentifully.
A. staying B. they are staying C. stay D. to say there
27. A politician can make a legislative proposal more _____ by giving specific examples of what its effect will be.
A. understandably B. to understanding C. when understood D. understandable

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年級：二

28. Oliver Ellsworth, _____ of the United States Supreme Court, as the author of the bill that established the federal course system.
- A. the third chief justice was B. who the third chief justice
C. he was the third chief justice D. the third chief justice
29. Playing the trumpet with dazzling originality, _____ dominated jazz for 20 years.
- A. the influence of Louis Armstrong B. the music of Louis Armstrong
C. Louis Armstrong D. Louis Armstrong's songs
30. The decimal numeral system is one of the _____ ways of expressing numbers.
- A. useful most world's B. worlds' most useful C. useful world's most D. most world's useful
31. Emily Dickinson's garden was a place _____ great inspiration for her poems.
- A. that she drew B. by drawing her C. drawn from which D. from which she drew
32. Not only _____ to determine the depth of the ocean floor, but is also sued to locate oil.
- A. using seismology B. to use seismology
C. seismology is used D. is seismology used
33. _____ of tissues is known as histology
- A. Studying scientific B. The scientific study
C. The study scientifically D. That is scientific studying
34. Potential dehydration is _____ that a land animal faces.
- A. the often greatest hazard B. the greatest often hazard
C. often the hazard greatest D. often the greatest hazard
35. _____ as a masterpiece, a work of art must transcend the ideals of the period in which it was created.
- A. The ranking B. Ranks C. To be ranked D. For being ranked
36. An innovator, ballerina Augusta Marywood was _____ a travelling company.
- A. who formed the first B. the first to form C. who the first formed D. forming the first
37. When water freezes in the cracks of rocks, _____ expands, causing the rocks to break apart.
- A. then B. but C. and D. it
38. Even at low levels, _____
- A. the nervous system has produced detrimental effects by lead.
B. lead produces detrimental effects on the nervous system.
C. lead's detrimental effects are producing the nervous system.
D. the detrimental effects produced by lead on the nervous system.
39. Every year Canadian _____ about 75 percent of their exports to the United States.
- A. that sell to businesses B. businesses that sell C. businesses sell D. selling businesses
40. _____ a lonely and rugged life, far from home and family.
- A. Not only did the early gold prospector often live
B. The early gold prospector often living
C. However the early gold prospector often lived
D. The early gold prospector often lived

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系組：英國語文學系

年級：二

III. Sentence Correction (30%)

For the following questions, choose the underlined part of the sentence that contains a grammatical error, or select choice E for no error.

41. A few of the naturally elements exist in such small amounts that they are known mainly
 from laboratory-made samples.
 A B C
 D E no error
42. A severe illness where she was just nineteen months old deprived the well-known writer
 and lecturer Hellen Keller of both her sight and her hearing.
 A B C
 D E no error
43. Notorious as a host for wheat rust, the barberry bush has been banned from
 many area.
 A B C
 D E no error
44. The poetry of Gertrude Stein as well as E.E. Cummings reveals the way in which some
 poets bend grammatical rules as they strive to express their insights.
 B C D E no error
45. The structure but behavior of many protozoans are amazingly complex for single-celled
animals.
 A B C
 D E no error
46. Designers of athletic footwear finely turn each category of shoe to its particular activity
 by studying human notion of physiology.
 A B C
 D E no error
47. In the United States among 60 percent of the space on the pages of newspapers
is reserved for advertising.
 A B C D E no error
48. Scientists believe that by altering the genetic composition of plants it is possible to
 develop specimens that are resisting to disease and have increased food value.
 A B C D E no error
49. Being the biggest expanse of brackish water in the world, the Baltic Sea is of special
interesting to scientists.
 A B C
 D E no error
50. While studying the chemistry of human body, Dr. Yallow won a Nobel Prize for the
 original research she conducted on the role of hormones.
 A B C D E no error
51. John Johnson composed numerous songs, including *Life Every Voice and Sing*,
for which his brother, James Johnson, wrote the words.
 A B C
 D E no error

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系組：英國語文學系

年級：二

52. The nonviolent protest advocated by Dr. Martin Luther King, Jr., proving highly
elective in an age of expanding television news coverage.
A B
C D E no error
53. Chemical research provides information that is useful when the textile industry in the
creation of synthetic fabrics.
A B C
D E no error
54. In 1866 to 1883, the bison population in North American was reduced from an estimated
13 million to a few hundred.
A B C
D E no error
55. James Baldwin's plays, which are to some degree autobiographical, established them as
leading figure in the United States civil rights movement.
A B C
D E no error

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科目：英文作文

系組：英國語文學系

年級：三

Part I: Identify the author of each of the following works. (10 points)

1. *A Streetcar Named Desire*.
2. *The Scarlet Letter*
3. *Fences*
4. "Ode on a Grecian Urn"
5. *Moby Dick*
6. *Their Eyes Were Watching God*.
7. *Beloved*
8. *A Doll House*
9. "The Snows of Kilimanjaro"
10. "A Modest Proposal"

Part II: Read the poem below and answer the following questions. (40%)

Ozymandias by Percy Bysshe Shelley

I met a traveller from an antique land,
Who said—"Two vast and trunkless legs of stone
Stand in the desert. . . . Near them, on the sand,
Half sunk a shattered visage lies, whose frown,
And wrinkled lip, and sneer of cold command,
Tell that its sculptor well those passions read
Which yet survive, stamped on these lifeless things,
The hand that mocked them, and the heart that fed;
And on the pedestal, these words appear:
My name is Ozymandias, King of Kings;
Look on my Works, ye Mighty, and despair!
Nothing beside remains. Round the decay
Of that colossal Wreck, boundless and bare
The lone and level sands stretch far away."

Questions:

1. What type of poem is this? Describe the form and structure of this poem. (10)
2. The poem is constructed around a single image. What is that image? How is this image metaphorical? In other words, what deeper ideas or truths does this image convey? (10)
3. How does Shelley use symbolism in his poem? (10)
4. What do you think is the message of this poem? What is Shelley communicating either directly or indirectly, about the nature of power and the passage of time? (10)

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科目：英文作文

系組：英國語文學系

年級：三

Part III: Choose 1 of the questions below to answer in well-organized and coherent essays that consist of introductory paragraphs and thesis statements, well-developed paragraphs that include concrete examples from the texts to illustrate your claims, and conclusions that restate your main claims in each essay. (50%)

- a. Analyze an important work of literature that explores a significant social or political issue. How does the writer examine this issue through the use of narration, conflict, setting, and resolution? How do you think the writer involves his or her readers in a critical appraisal of this issue? Is the writer being didactic, or does the treatment of this issue involve ambiguity, and for what purposes?
- b. Choose a work of literature in which a central character feels increasingly isolated from the people around her or him. Explain why the character finds herself or himself isolated, or what are important causes that cause this isolation, and then discuss what the consequences are for the character concerned.
- c. Choose a work of dystopian fiction. Discuss how this work examines the uses of technology, violence, and propaganda to depict a world where the loss of human individuality and freedom prevail. Cite concrete examples from this work of fiction to support your claims.

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科目：英文閱讀

系組：英國語文學系

年級：三

Section I. The following article is about creative AI in innovation. Please fill in the blanks with words provided in the box. Each blank is worth 2 points (50%).

Words for the blanks numbered 1-8:

Advancements	Analyze	Assessment	Asserted	Diagnostic
Minimal	Optimize	Potentially	Reshaping	Vast

- A. Artificial Intelligence (AI) has emerged as a transformative technology, revolutionizing various industries by automating processes, enhancing decision-making, and driving innovation. From healthcare and finance to transportation and manufacturing, AI is the way we work and live. This article will explore the incredible 1. _____ in AI innovation and its potential to shape the future.
- B. One of the key benefits of AI innovation is its ability to enhance efficiency and accuracy in various sectors. With machine learning algorithms and predictive analytics, AI systems can analyze 2. _____ amounts of data, identify patterns, and make informed decisions with 3. _____ human intervention.
- C. For example, in healthcare, AI-powered 4. _____ tools can analyze medical images, detect diseases, and assist doctors in providing accurate diagnoses. This not only saves time but also improves the accuracy of medical 5. _____, 6. _____ saving lives.
- D. In finance, AI algorithms can 7. _____ market trends, detect patterns, and make automated investment decisions. This enables financial institutions to 8. _____ their portfolios and increase returns, while minimizing risks associated with human error.

Words for the blanks numbered 9-17:

Increase	Leveraging	Maximize	Paving the way	Satisfaction
Simulate	Tailored	Transforming	While	Whereas

- E. AI innovation has also revolutionized the way businesses interact with customers, enabling personalized experiences at scale. By 9. _____ AI technologies such as natural language processing and machine learning, companies can analyze customer data, understand preferences, and deliver 10. _____ recommendations and services.
- F. E-commerce giants like Amazon and Netflix have mastered AI-driven recommendation engines, providing customers with personalized product suggestions and content recommendations. This not only improves customer 11. _____ but also increases sales and customer loyalty.
- G. Moreover, AI-powered chatbots are 12. _____ customer service by providing instant support and resolving queries 24/7. These virtual assistants can understand natural language, 13. _____ human-like conversations, and provide accurate information, enhancing customer experience 14. _____ reducing operational costs.

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科目：英文閱讀

系組：英國語文學系

年級：三

H. AI-powered innovation is reshaping the transportation industry, 15. _____ for autonomous vehicles and smart mobility solutions. Self-driving cars, powered by AI algorithms and sensor technologies, have the potential to reduce accidents, 16. _____ fuel efficiency, and 17. _____ traffic flow.

Words for the blanks numbered 18-25:

Advent	Commute	Data-driven	Departure	Failures
Infrastructure	Precision	Significant	Sustainable	Trivial

- I. Furthermore, AI-powered traffic management systems can analyze real-time data from various sources, including connected vehicles and smart city 18. _____, to optimize traffic signals, reroute vehicles, and reduce congestion. This not only improves 19. _____ times but also contributes to a greener and more 20. _____ future.
- J. AI is also playing a crucial role in transforming the manufacturing sector, driving efficiency, and enabling new possibilities. With the 21. _____ of AI-powered robotics and automation, manufacturers can optimize production processes, reduce costs, and improve product quality.
- K. AI-powered robots can perform complex tasks with 22. _____ and speed, enhancing productivity and reducing the risk of human errors. Furthermore, predictive maintenance powered by AI can identify equipment 23. _____ in advance, reducing downtime and improving overall operational efficiency.
- L. By leveraging AI technologies, manufacturers can also gain valuable insights from data collected throughout the production process. This 24. _____ approach enables them to optimize supply chain management, predict demand, and improve inventory management, leading to 25. _____ cost savings.

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年級：三

Section II: Based on the article in Section I, please match the headings with corresponding paragraphs (I-IV). Each heading is worth 5 points (20%).

I. Paragraph B-D	II. Paragraph E-G	III. Paragraph H-I	IV. Paragraph J-L
-----------------------------	------------------------------	-------------------------------	------------------------------

No.	Headings
26	Revolutionizing transportation and mobility
27	Driving personalization and customer experience
28	Unlocking new possibilities in manufacturing
29	Enhancing efficiency and accuracy

Paragraphs:

26. _____

27. _____

28. _____

29. _____

Section III. Based on the article in Section I, please determine which of the following sentences (a-c) should be placed. Each question is worth 4 points (12%)

- How do AI-powered diagnostic tools in healthcare and AI algorithms in finance exemplify the benefits of AI innovation mentioned in the article?
- How has AI impacted various industries, and what are the key aspects that this article will delve into regarding AI innovation?
- In what ways does AI-powered innovation contribute to reshaping different sectors such as transportation, customer service, and manufacturing, as discussed in the article?

30. Before the article: _____

31. Within the article: _____

32. After the article: _____

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年級：三

Section IV: Four statements about the article in Section I are given. Decide if the information in each statement is true, false, or not given. Write T for True, F for False, and NG for Not Given. Each answer is worth 3 points (12%).

True (T)	The statement matches the information in the article.
False (F)	The statement contradicts the information in the article.
Not given (NG)	The information is not found in the passage.

33. _____ AI-powered chatbots are transforming customer service by providing instant support and resolving queries 24/7.
34. _____ AI algorithms in finance can analyze market trends, detect patterns, and make automated investment decisions.
35. _____ AI-powered traffic management systems that can optimize traffic signals and reduce congestion.
36. _____ AI-powered diagnostic tools in healthcare that can analyze medical images, detect diseases, and assist doctors in providing accurate diagnoses.

Section V. Please determine whether the author of the article in Section I would probably agree or disagree with the following statements. Please write A for agree and D for disagree. Each question is worth 3 points (6%).

37. _____ Innovations in AI have subtly changed how companies connect with their customers, facilitating trailered experiences for a wide audience.
38. _____ AI algorithms in finance can examine market trends, identify patterns, and make automated investment decisions.

Article adapted from

<https://www.boardofinnovation.com/blog/the-future-of-creative-ai-in-innovation-revolutionizing-industries/>

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