

A. For questions 1-16, choose the BEST option to fill in the blanks.

1. It is clear that the simplest way to become computer literate in today's world is to be _____ in utilizing computers for either personal or professional needs.
- a. fragile b. proficient c. anxious d. crippled
2. Heat storage, radiation, increased roughness, and decreased evaporation are the major causes of poor air quality, which are present in all cities but are principally seen in megacities with _____ populations.
- a. solid b. concise c. arid d. dense
3. The success of a country _____ not primarily on the accumulation of wealth, but on how it develops its productive forces.
- a. relies b. accounts c. resigns d. conflicts
4. The European Union has brought _____ and peace as well as unprecedented opportunities and freedoms for its citizens to study, work, travel, and trade within Europe.
- a. occurrence b. retention c. prosperity d. excavation
5. The Gulf countries benefit greatly from their underground resources such as petroleum and gas. Therefore, consumers in these countries have _____ higher real purchasing power due to persistently low inflation.
- a. suspiciously b. recklessly c. urgently d. considerably
6. Few events in history have left such a mark as the World War II. Accordingly, it is a significant turning point in that it _____ the beginning of the end of colonial empires.
- a. coped with b. brought about c. look over d. took away
7. A report by the US government _____ that hurricane disaster in the Gulf of California, which caused many deaths and massive property damage _____.
- a. had uncovered / needs to be foreseen b. could uncover / will have been foreseen
c. uncovered / could have been foreseen d. might uncover / may be foreseen
8. University officials said that 58 prospective students _____ that they had received full-ride scholarships due to a technological error. Traditionally, the scholarship _____ to students with academic accomplishments.
- a. informed/awarded b. had been informed/was awarded
c. have informed/awards d. were informed/is awarded
9. Unlike mainstream TV channels, online streaming platforms _____ users to choose which content to watch at any given time, whether it _____ a film, serial, or documentary.
- a. has allowed / may have been b. are allowing / was
c. had allowed / could be d. allow / is
10. Last year in Nigeria, more than one thousand people _____ in the harsh clashes between rival groups and the government had the police _____ the lawbreakers.
- a. were killed / arrest b. are killing / arresting
c. are killed/ to arrest d. had killed / arrested
11. _____ the brain may complete growing in size by the age of five, it does not finish developing until the mid 20s. The front part of the brain, called the prefrontal cortex, is one of the last brain regions to mature.
- a. Otherwise b. Since c. Though d. In addition
12. Technology has been developing more rapidly than ever before. _____, middle-aged and elderly employees in an organization must constantly update themselves to catch up with the younger ones.
- a. Because b. Therefore c. Also d. Nevertheless

13. The government is drawing up plans for managing old people's health and lifestyles _____ they can stay out of hospital as far as possible.

- a. however b. otherwise c. so that d. in case

14. Face-to-face bullying and cyberbullying can often happen alongside each other, _____, cyberbullying leaves a digital footprint – a record that can provide evidence to help stop the abuse.

- a. so b. as if c. yet d. hence

15. Critics say urban chargers are best suited to an early generation of electric cars _____ maximum range of about 100 miles has failed to impress buyers.

- a. who b. what c. which d. whose

16. The residential sites will have to be in an area _____ the rock structure provides a barrier against floods or landslides.

- a. where b. when c. how d. that

B. For questions 17-26, read the paragraphs (Paragraph I - Paragraph II) and choose the correct option to fill in the blanks.

Paragraph I

It would not be wrong to assume that education is both a means of consumption and an investment in today's world. Gaining (17) _____ by reading a book can possibly provide an individual with the same pleasures and benefits as eating a bar of chocolate or watching a movie with family members in the cinema. Yet, education can also help to advance in a chosen career (18) _____ certain exams are passed successfully. Providing that there is a financial gain in this way, it is most likely that the time spent in the educational process (19) _____ seen as an investment. By investing in yourself, you hope and consider that your improved skills will contribute to your potential earning power in the business world. Your qualifications should help you compete effectively with people who are (20) _____ qualified for a particular occupation. When it comes to an employer, your educational (21) _____ is a means of filtering where there is an intense competition for a position.

- | | | | |
|-------------------|----------------|----------------|------------------|
| 17. a. assurance | b. diversity | c. requirement | d. knowledge |
| 18. a. unless | b. if | c. even though | d. as if |
| 19. a. can be | b. has been | c. would be | d. may have been |
| 20. a. least | b. fewer | c. more | d. enough |
| 21. a. competence | b. equivalence | c. accusation | d. consideration |

Paragraph II

Industry 4.0 - also called the Fourth Industrial Revolution or 4IR - is the next phase in the digitization of the manufacturing sector, **(22)** _____ by innovative trends including the rise of data, connectivity, analytics, human-machine interaction, and advanced engineering. **(23)** _____ 2014, when the Google search term “Industry 4.0” was almost nonexistent, in 2019, 68% of respondents to a global survey regarded Industry 4.0 as a top strategic priority. It has become the collective force behind many products and services that are fast becoming **(24)** _____ to modern life. 4IR builds on the inventions of the Third Industrial Revolution—or digital revolution—which progressed from the 1950s and to the early 2000s bringing us computers, other kinds of electronics, the Internet, and much more. Before Industry 4.0, these inventions were **(25)** _____ the scope of possibility of the previous era since the previous technologies lacked the advanced computational power and improvements in robotics. **(26)** _____ this perfect storm of technologies, the Fourth Industrial Revolution is leading to transformative changes in the way we live and radically disrupting almost every business sector.

- | | | | |
|-----------------------------------|--------------------------|-------------------------|------------------------------|
| 22. a. driven | b. is driven | c. is driving | d. driving |
| 23. a. In accordance with | b. In addition to | c. As opposed to | d. By way of contrast |
| 24. a. prohibited | b. deprived | c. abstract | d. indispensable |
| 25. a. under | b. beyond | c. among | d. by |
| 26. a. As a consequence of | b. Unlike | c. In spite of | d. Such as |

C. For questions 27-31, choose the option which is closest in meaning to the sentence given in bold.

27. Reducing carbon emissions is important because it can help offset the dangerous and harmful effects high levels of CO2 have on our environment.

- a. Carbon emissions should be reduced because CO2 levels might pose dangerous and harmful results for our environment in the long run.
- b. Carbon emissions result in an unfavorable increase in CO2 levels, hence they are deemed significant by the authorities.
- c. It is commonly believed that carbon emissions are to be decreased no matter what effects they have on the environment.
- d. Reduction of carbon emissions is significant in that it contributes to compensation for the hazardous effects of CO2 on our environment.

28. Another benefit of online selling that you might not have considered is the ease with which consumer data can be collected and analyzed.

- a. The convenience of the collection and analysis of consumer data is one other advantage of online sales that you might not have thought about.
- b. Online selling is considered to be beneficial since it is pretty easy to collect information and analyze the consumer database.
- c. The most important benefit of online sales is thought to be the considerable effects of consumer data collection and analysis.
- d. Online selling is considered by many to be profitable due to the fact that it is rather simple to collect and analyze consumer data.

- 29. What worries me the most is that the new marketing specialists have so far failed to improve the quality of the work.**
- The fact that the new marketing experts still haven't managed to upgrade the quality of the work really troubles me.
 - In professional terms, I would definitely stop worrying if the new marketing team would upgrade the quality of the work.
 - As the new marketing specialists haven't managed to carry out any quality work, I am worried about the success of the company.
 - Once we start producing high quality work, the marketing executives will stop feeling like a failure in the modern business world.
- 30. Research shows that there are lots of financially successful people who are far from being satisfied with themselves or their lives.**
- Research shows that lots of rich and successful people are satisfied both with themselves and their lives.
 - According to research, you need to be prosperous in order to be satisfied with either yourself or your life.
 - According to research, being financially successful does not guarantee lifelong satisfaction and happiness.
 - Research shows that there are many rich people who are neither satisfied with themselves nor their lives.
- 31. Heart diseases are still a major problem for women although men are at more risk concerning heart attacks than women.**
- Though men have a higher risk of having heart attacks, the majority of women are also worried about this issue.
 - Men might be more prone to having a heart attack, yet heart disease is also a serious issue for a lot of women.
 - The risk of a heart attack is relatively higher for men compared to the women who has had a heart attack before.
 - While men experience a high risk of heart attacks, most women do not have problems related to the heart

D. For questions 32-35, choose the BEST option to complete the dialogues.

32. Gary: Today's situation in the stock market is really complicated for me to understand although I have a degree in Economy.

Chris: That's normal. The information in the textbooks and the actual situation of the stock market mismatch.

Gary: _____

Chris: Definitely. It's because universities are so disconnected from the business and the market.

- In fact, I hope that I can make more profit in my job than in the stock market.
- Can't the universities do something to fulfil their duty of informing the public correctly?
- You mean the academic world draws us the ideal picture of the framework, not the reality.
- Is your actual profit lower than what has been promised by the market experts?

33. Lisa: I don't understand the expression "walled community". What does it mean?

Tony: It is a form of housing estate containing strictly controlled entrances for pedestrians, bicycles, and automobiles, and often surrounded by walls and fences.

Lisa: _____

Tony: Well, generally the famous and the rich such as pop stars, football players or businessmen.

- What sort of people prefer living in those places?
- This might be suitable for people of certain psychological state.
- Most people wouldn't be happy living as if they were in a jail.
- Are they widespread in developed countries?

34. Jonah: How are you getting on with the book report assignment that Mrs. Wilkins gave you?

Colin: _____

Jonah: Why? What happened?

Colin: Well, the storyline of the book is a bit complicated because of the wealth of details the narrative descriptions have. I just could not concentrate on what I was reading.

- a. It is too literary and postmodern in style for me.
- b. As a matter of fact, biographies are not my type.
- c. Great! Thomas Pynchon is one of my favorite authors.
- d. It's okay now, but I couldn't get into the story at first.

35. Jennifer: It is a very well-known fact that some developed countries have made a significant contribution to the growth of the underdeveloped countries.

Brenda: _____

Jennifer: I think you just want to refer to the fact that those developed countries are exploiting the potential of the ever-expanding market for its own benefit.

Brenda: Yes, that is what I want to say.

- a. I don't agree with you as underdeveloped countries have put so much effort.
- b. This can be true but the reasons behind this assistance are commercial.
- c. However, the rate of development in some parts of the block is declining.
- d. Yet, the life standards in underdeveloped countries are still below the average.

E. For questions 36-38, choose the irrelevant sentence in the paragraph.

36. (I) It is a very well-known fact that the target of education determines the content of the curriculum, the methods selected, the type of the education which is offered to the children and youngsters. **(II)** However, this type of functional relationship is often neglected by some educationalists. **(III)** They claim that this practical relationship is the basis of creating a strong curriculum. **(IV)** Luckily, the number of such theorists goes down with the effect of modern changes in the field of education and modern approaches give primary importance to the objectives and values of the community.

- a. III b. II c. I d. IV

37. (I) In terms of agriculture, the primary purpose of the existence of plants is to grow and multiply as much as possible, like any living organism in nature. **(II)** In order to achieve this, a number of mutations should take place before the wild plant becomes a suitable candidate for agriculture. **(III)** Human beings have encouraged these mutations by providing a stable and safe environment for the plant. **(IV)** In other words, the more the plant faces complex and changeable situations, the stronger it becomes.

- a. I b. IV c. III d. II

38. (I) Certain events that take place on the Sun can have disastrous impacts on the life on Earth. **(II)** Yet, many people believe that the Sun has various beneficial impacts on our planet. **(III)** The geomagnetic storm which creates a burst

of electromagnetic radiation is one of these consequences. **(IV)** This phenomenon can cause countless disasters from knocking out entire electrical power grid to affecting satellite communications.

- a. I b. IV c. III d. II

F. For questions 39-41, choose the sentence that BEST completes the paragraph.

- 39.** Lunar eclipses have always drawn the attention of people throughout the history. In the past, people believed that eclipses were bad signs or misfortune, and this belief has often affected historical events. For example, a lunar eclipse played a role as the reason for the fall of Istanbul in 1453. Although the defenders of the city were exhausted because of working day and night to keep the city walls, they never thought of giving up. _____. This situation made it possible for Mehmet II to attack and conquer the city easily.
- a. Ottoman army had developed a new style of cannon that was easy to be used even in the event of a lunar eclipse
 - b. The lunar eclipse that took place on May 22, 1453 affected the soldiers of Mehmet II in the most negative way
 - c. On May 22, 1453 the lunar eclipse made the defenders of the city believe this was a bad omen and feel hopeless
 - d. The defenders of the city worked hard to repair the walls that were destroyed during the lunar eclipse
- 40.** The discoveries of science should be regarded as a whole with its use in the society and the scientist is the person who is responsible for all possible effects. Scientists are generally financed by big organizations, governments or firms. It can be attractive for a scientist to put all the responsibility of the invention on the organization by claiming that s/he is only an employee. _____.
- a. Naturally, these organizations want to get the control of the project as they put money
 - b. On the other hand, scientists never want to work purely for the sake of discovery
 - c. Again, the organization must force the scientists to cover the misuse of science
 - d. However, a truly concerned scientist must act in accordance with his/her conscience
- 41.** According to social theorists, our lifestyles are determined by the type of work we do. Some jobs can offer us flexible working schedules which make it possible for us to deal with our personal issues or family relationships. _____. Yet, some other jobs are extremely rigid. If we work in these jobs, we only have evenings or weekends to spend time with our families. However, there is one advantage in those jobs; work stays outside of our homes.
- a. This working type has a drawback; the barrier between work and private life is often blurred
 - b. As a matter of fact, an employee cannot get job satisfaction in any type of job
 - c. The changes in the society are affecting the nature of the workplace in different ways
 - d. It can be said that certain stereotypes of working people are the products of some specific kinds of jobs

G. For questions 42-50, read the texts (Text I - Text II - Text III) and answer the questions.

TEXT I

A smart home refers to a convenient home setup where appliances and devices can be automatically controlled remotely from anywhere with an internet connection using a mobile or other networked device. Devices in a smart home are interconnected through the internet, allowing the user to control functions such as security access to the home, temperature, lighting, and a home theater remotely. Installing a smart home technology system provides homeowners with convenience. Rather than controlling appliances, thermostats, lighting, and other features using different devices, homeowners can control them all using one device—usually a smartphone or tablet. Since they're connected to a portable device, users can get notifications and updates on issues in their homes. For instance, smart doorbells allow homeowners to see and communicate with people who come to their doors even when they're not at home. Users can set and control the internal temperature, lighting, and appliances as well. For the cost of setting up the smart system, homeowners can benefit from significant cost savings. Appliances and electronics can be used more efficiently, lowering energy costs. While the smart home offers convenience and cost savings, there are still some challenges. Security risks and bugs continue to plague makers and users of the technology. Adept hackers, for example, can gain access to a smart home's internet-enabled appliances. In October 2016, a botnet called Mirai infiltrated interconnected devices of DVRs, cameras, and routers to bring down a host of major websites through a denial of service attack, also known as a DDoS attack. Measures to mitigate the risks of such attacks include protecting smart appliances and devices with a strong password, using encryption when available, and only connecting trusted devices to one's network.

42. According to the paragraph, we can infer that smart homes _____.

- a. differ from standard houses in that they are controlled using one device
- b. help prevent any kind of theft due to the high security facilities they provide
- c. comprise remote control of temperature, lighting, and plumbing systems
- d. are not expensive to set up but pricey enough to maintain

43. Apart from being convenient, smart houses bear some disadvantages such as _____.

- a. resulting in rather high electricity bills
- b. requiring investment in infrastructure
- c. posing difficulties about encryption
- d. being vulnerable to security-wise attacks

44. Which of the following would be the BEST title for this paragraph?

- a. Can Smart Houses be Hacked?
- b. Pros and Cons of Smart House Systems
- c. Is a Smart House Worth it?
- d. Smart Houses with Artificial Intelligence

TEXT II

In 1889, France hosted the first *Exposition Universelle*, or World's Fair, in Paris. It was so glamorous that no one believed anything could ever surpass it, however, Chicago decided to try. In 1893, the organizers of the Chicago World's Fair wanted to show the world that the U.S was just as capable of grand artistic wonders as France. The centerpiece of the Paris exposition was an elegant steel tower designed by Gustav Eiffel and gave visitors a breathtaking Paris view. The organizers of the Chicago World's Fair had to come up with something even more magnificent. However, finding a suitable design to rival the Eiffel Tower proved difficult. Architect Daniel Burnham, the project manager of the Chicago World's Fair, received dozens of proposals from engineers and architects around the country to build various towers. One day, he received a rough draft of plans for something more unbelievable and outrageous than any prior proposals. George Washington Gale Ferris Jr., the author of this project, proposed building a gigantic wheel that people could ride on as it turned. Burnham rejected the project since he could not trust its safety. He thought its own weight would surely distort the metal beams, causing it to turn irregularly and eventually collapse. Despite Burnham's fears, Ferris knew his design was sound because equal pressure applied to every spot on the wheel would balance the forces acting on it. Ferris finally obtained Burnham's approval in December 1892 and construction began immediately. By the inauguration in May 1893, the Ferris Wheel was already the star of the Chicago World's Fair.

45. According to the paragraph, France _____.

- a. was the last country to organize a World's Fair
- b. had Eiffel Tower as the main design of its fair
- c. was inspired by the Chicago World's Fair
- d. failed to manage the organization in Paris

46. We learn from the paragraph that Chicago World's Fair _____.

- a. was led by an engineer who was well-known across the country
- b. had organizers who could find some projects surpassing the Eiffel
- c. was initially organized with the aim of proving artistic success
- d. received proposals of different types of buildings except for towers

47. Which of the following is NOT TRUE about the Ferris Wheel project?

- a. It was rejected by Burnham due to financial concerns.
- b. It was named after the designer of the huge wheel.
- c. It was the most astonishing of all proposals submitted.
- d. It was proven to be safe thanks to its balancing features.

TEXT III

Art Nouveau was a compelling and energetic style in the visual arts which spanned from around the early 1890s to the First World War. Art Nouveau artists, inspired by plant forms and nature, took organic subjects and flattened and abstracted them into sophisticated and flowing motifs. Some defining, but by no means exhaustive, characteristics include an accent on the fluidity of line, geometric shapes, asymmetrical compositions, and a bold synthesis of structure and decoration. Art Nouveau surfaced during a time of immense technological advancement. At the wake of the Industrial Revolution, Europe's modern identity was one of industry and mass production. The movement both embraced and retaliated against the Industrial Revolution, celebrating craftsmanship and artistic talent while simultaneously incorporating and stylizing automation and industrialization. But what made Art Nouveau so popular was its success in tearing down the hierarchies between the arts and getting engaged with the mundane. Overriding the art previously dominated by neoclassicism, the movement enabled artists across the globe to enrich the lives of the public, most notably by improving the design of ordinary spaces and domestic objects. Since Art Nouveau was prevalent in public places such as train stations, tea rooms and stores, the public and private domains had equal ownership of the style. Again, this highlights the unified, inclusive nature of Art Nouveau; an art form to be enjoyed by all.

48. According to the paragraph, it is clear that Art Nouveau artists _____.

- a. painted natural forms focusing on sharp geometric lines with symmetry
- b. dismissed decoration as an aesthetic element and style in the visual arts
- c. created most of their artworks after the First World War came to an end
- d. were motivated by plant forms that they represented in an abstract way

49. We can infer from the paragraph that Art Nouveau movement _____.

- a. opposed the exploitation of nature by humans for financial gains
- b. prioritizes craftsmanship over automation and industrialization
- c. forms a two-way relationship with the Industrial Revolution
- d. took up the developments in technology as a motif in the paintings

50. According to the paragraph, what differentiated Art Nouveau from the previous art movements was that _____.

- a. it infused everyday life and objects with a new aesthetic and style
- b. artists were financed by public institutions for their paintings
- c. it was more common in private places than the public ones
- d. artists reflected the unified nature of the movement in their drawings

END OF THE TEST