

Read the following advertisement and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 1 to 6.

STELLAR VOYAGES—Your Gateway to the Stars

- ❖ Are you ready for the ultimate adventure beyond Earth's atmosphere this year?
- Stellar Voyages proudly offers the most (1) _____ space tourism experiences available in 2025! Our highly trained astronauts, (2) _____ have completed over 500 successful missions, will guide you through every step of your incredible journey.
- (3) _____ our exclusive program today and join thousands of brave adventurers reaching for the stars! The state-of-the-art spacecraft (4) _____ by world-leading engineers ensures maximum safety and comfort during your unforgettable flight.
- From your premium window seat, you will (5) _____ the curvature of the Earth—a breathtaking moment that changes lives forever and always. (6) _____ of our satisfied customers describe this experience as the absolute highlight of their entire lifetime!
- ❖ **Special Limited Offer:** Book before January 2026 and receive these benefits:
 - ✓ 20% discount on all suborbital flights
 - ✓ Free pre-flight training worth over \$10,000
 - ✓ Commemorative custom space suit
 - ✓ Professional HD photo package
- ❖ Don't just dream about exploring space—make it your reality today!
- ✓ Call 1-800-SPACE-NOW immediately
- ✓ Visit www.stellarvoyages.com now

Your incredible adventure begins right here!

<https://blog.jaseph.com/tc>

- | | | | | |
|-------------|---------------|-------------------|-----------------|---------------|
| Question 1: | A. affordable | B. affordability | C. affordably | D. afford |
| Question 2: | A. which | B. whom | C. who | D. whose |
| Question 3: | A. Get in on | B. Sign up for | C. Take part in | D. Opt in for |
| Question 4: | A. designed | B. which designed | C. had designed | D. designing |
| Question 5: | A. observe | B. experience | C. perceive | D. witness |
| Question 6: | A. Some | B. Each | C. Most | D. Any |

Read of the following leaflet and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 7 to 12.

SMARTPHONE SMART USE: Protect Your Brain Today

- ❖ Are You Using Your Phone Too Much?
- Smartphones are very popular, but they can harm your brain. Excessive phone use plays havoc (7) _____ your brain, making it weaker and weaker. The Problems:
 - **Sleep Problems:** (8) _____ smartphones have bright blue light, your sleep will be worse and harder to fix. The (9) _____ patterns that your body needs every night are disrupted when you use your phone before bed.
 - **Brain Damage:** Research shows that mental (10) _____ develops when you use your phone too much. Additionally, studies indicate that brain (11) _____ changes happen with excessive phone use. Some studies say phones make your brain worse, but others say the problem is about bad habits instead.
 - **Social Skills:** Teenagers and children need face-to-face time with friends. Without this, their social skills do not grow well. (12) _____ important thing to remember is that phones can cause addiction-like behaviors.
- ❖ **What You Can Do:**
 - ✓ Stop using your phone 1 hour before bed
 - ✓ Use your phone only 2-3 hours per day
 - ✓ Do offline activities: read, walk, talk to friends
 - ✓ Turn off notifications

❖ Your brain is important. Use your smartphone wisely!

Question 7: A. about B. for C. to D. with

Question 8: A. Despite B. Because C. If D. Although

Question 9: A. cycle good sleep B. good cycle sleep C. good sleep cycle D. sleep good cycle

Question 10: A. laziness B. clarity C. fatigue D. decline

Question 11: A. activity B. function C. waves D. chemistry

Question 12: A. Other B. Another C. The others D. Others

Mark the letter A, B, C or D on your answer sheet to indicate the best arrangement of utterances or sentences to make a meaningful exchange or text in each of the following questions from 13 to 17.

Question 13:

- a. Anna: Good morning, Tom! Do you take the train every day?
- b. Tom: Yes, I go to the city for work. It's one hour. I sleep on the train!
- c. Anna: Me too! I read my book. Look, the train is here. Let's sit together!

A. c-b-a B. b-a-c C. a-b-c D. a-c-b

Question 14:

- a. Mark: I have an idea because this is a big problem! We need a time plan, and everyone gets five minutes.
- b. Lisa: We have a meeting now, but everyone talks too much. What can we do?
- c. Lisa: Perfect! We start the meeting at 10 o'clock, and we finish at 11 o'clock. Now everyone is happy because the meeting is short!
- d. Lisa: That's good, and we can write the important things on the board. People remember better when they see the words!
- e. Mark: Yes, but we need one person to watch the time. Sarah is good at this because she has a nice watch.

A. a-e-d-c-b B. b-a-d-e-c C. c-a-d-e-b D. e-b-d-a-c

Question 15:

Dear Mrs. Johnson,

- a. Please come next Monday if you want to try this new treatment because we have time at 9 o'clock.
- b. The computer tells us which medicine works best for you because every person's body is different from others.
- c. I write to you because we have a new computer system that helps sick people get better quickly.
- d. This smart computer looks at your body when you come to our hospital, and it sees very small parts that normal doctors cannot see.
- e. When we use this special computer, patients feel better faster than before, and some people get well in just one week.

Best wishes,

Dr. TC

A. e-b-d-c-a B. d-a-e-b-c C. c-d-b-e-a D. b-c-e-d-a

Question 16:

- a. When you use these tools, you answer simple questions about what you like to do, and the computer remembers everything that you tell it.
- b. Career tools are special computer programs that ask you questions about yourself, and they help you understand your skills when you answer them carefully.
- c. These tools help you find the right career path, so you can be successful when you work, and you will enjoy going there every day.
- d. Many young people don't know which job to choose because there are so many different options, and they feel confused about their future.
- e. The computer looks at all your answers, and it shows you jobs that match your interests because it knows which careers make you happy.

A. b-e-d-a-c B. a-d-e-b-c C. e-b-a-d-c D. d-b-a-e-c

Question 17:

- a. Big cities need a lot of energy because millions of people live there, and they use electricity when they work or stay at home.
- b. When cities grow bigger, they need more power stations that make electricity, so the government must build them before the population increases too much.

- c. Solar panels and wind turbines are new energy sources that help cities, and they are better because they don't pollute the air we breathe.
- d. If cities use green energy, they can grow faster because clean air attracts more people who want to live in healthy places with families.
- e. Smart cities save energy when they turn off streetlights automatically, and this helps them grow while they protect the environment for future generations.

A. a-b-c-d-e

B. a-e-d-b-c

C. a-c-e-d-b

D. a-d-b-c-e

Read the following passage about A New Era for Digital Competition and mark the letter A, B, C or D on your answer sheet to indicate the option that best fits each of the numbered blanks from 18 to 22.

In July 2024, the International Olympic Committee made an important decision that changed the world of competitive gaming forever. The creation of the Olympic Esports Games (18)_____ and planning with gaming organizations. This new tournament will be a separate competition with many different game titles that connect to traditional Olympic sports in some way.

The IOC had been watching esports grow for several years (19)_____. If they had not made this decision now, they would have lost the chance to connect with millions of young gaming fans. The new Games build on earlier events like the Olympic Virtual Series in 2021 and the Esports Week that took place in Singapore in 2023.

The committee believes that working with game publishers is essential; (20)_____. These standards will help them choose which games can be included in the official program of the competition. Sports federations that want to participate in the digital world now have a clear path to follow through this new platform.

(21)_____, requires careful planning and cooperation from everyone involved. The organization understands that younger people spend more time playing video games than watching traditional sports on television. By creating this new competition, the Olympic Movement shows it can change with the times while keeping its core values, (22)_____, alive for future generations to enjoy and respect.

Question 18:

- A. that developed new recipes for traditional dishes using artificial intelligence technology
- B. was officially approved by the IOC after many years of discussion
- C. which caused severe flooding in coastal areas during monsoon season regularly
- D. having discovered ancient fossils beneath the Arctic ice sheets last winter

Question 19:

- A. but forgot why they had started targeting older demographics instead
- B. so they decided to stop all marketing efforts toward teenagers
- C. and realized they needed to act quickly to reach younger audiences
- D. yet continued ignoring the importance of connecting with young consumers

Question 20:

- A. however, they must ensure all selected games match Olympic values and principles
- B. therefore, massive volcanic eruptions destroyed ancient Roman cities beneath hot lava
- C. meanwhile, tropical rainforest ecosystems contain diverse wildlife species around equator
- D. moreover, medieval knights protected royal castles during violent European warfare

Question 21:

- A. How tropical storms develop rapidly, which threatens coastal communities throughout Pacific island
- B. What the IOC wants to achieve, which is bringing traditional sports and esports together
- C. Where ancient volcanoes erupted violently, which destroyed entire civilizations beneath burning lava
- D. Why medieval knights fought battles, which protected royal kingdoms during violent European warfare

Question 22:

- A. will damage marine wildlife across Pacific Ocean tomorrow
- B. were studying volcanic eruptions inside dangerous crater zones
- C. which destroyed ancient forest ecosystems near tropical regions yesterday
- D. which have inspired countless athletes from all nations for decades

Read the following passage about New Method to Fight Malaria Using Modified Mosquitoes and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 23 to 30.

An important article in Malaria Journal presents new ways to fight malaria using genetically changed mosquitoes. This two-year project involved several research groups, including Target Malaria, Transmission

Zero, UCMI, and FNIH. The researchers developed "low-threshold" gene drive systems that can spread useful features through Anopheles mosquito populations. The idea is that modified mosquitoes with special genetic changes would slowly enter wild populations, reducing **their** ability to spread the disease that affects millions of people every year in Africa.

The planned process follows a clear pathway starting with controlled releases in chosen areas. First, small pilot tests would check basic things like how fast the genetic changes spread before moving to bigger trials. This step-by-step method is similar to successful examples in malaria prevention, especially how **insecticide-treated** bed nets were developed. These nets were first tested in small experimental huts before being used in whole communities. This careful planning helps ensure both scientific accuracy and public safety during the experiments.

Scientists plan to combine early studies into larger **cluster** randomised controlled trials that directly measure effects on disease spread. These advanced designs would help researchers collect strong proof about how well the method works while following ethical rules. The plan addresses concerns from regulators by creating clear steps for each stage, from small releases to possible large-scale treatments that could change malaria control in affected areas.

This project represents a major change in mosquito control, bringing hope to places where traditional methods don't work well. By providing clear guidelines for field trials, this collaboration helps the responsible development of genetic technologies. The complete plan helps regulators, researchers, and health officials prepare evidence-based programs that could eventually change malaria prevention methods in affected countries worldwide.

<https://targetmalaria.org/tc>

Question 23: According to the passage, which of the following is not mentioned about the genetically modified mosquito project?

- A. The project involved collaboration between Target Malaria and other research groups.
- B. The modified mosquitoes would reduce the ability to spread disease in Africa.
- C. The project received funding of 50 million dollars from international health organizations.
- D. The research plan includes clear guidelines for field trials and regulatory approval.

Question 24: The word "**their**" in paragraph 1 refers to _____.

- A. wild populations
- B. modified mosquitoes
- C. genetic changes
- D. research groups

Question 25: The word "**insecticide-treated**" in paragraph 2 is OPPOSITE in meaning to _____.

- A. contaminated
- B. enhanced
- C. reinforced
- D. pesticide-free

Question 26: The word "**cluster**" in paragraph 3 could be best replaced by _____.

- A. scattered
- B. grouped
- C. isolated
- D. random

Question 27: Which of the following best paraphrases the underlined sentence in paragraph 4?

- A. This work creates new pest control possibilities for areas with failing standard treatments.
- B. This study offers advanced disease prevention solutions for regions lacking effective approaches.
- C. This initiative marks a breakthrough in mosquito management for areas where conventional methods fail.
- D. This research provides innovative insect control strategies for places with unsuccessful traditional techniques.

Question 28: Which of the following is TRUE according to the passage?

- A. The development approach mirrors the successful testing strategy used for insecticide-treated bed nets in malaria prevention.
- B. The genetically modified mosquitoes will rapidly replace entire wild populations across all affected African regions.
- C. The two-year research project has already completed large-scale field trials in multiple African communities.
- D. The gene drive systems require high-threshold mechanisms to effectively spread through wild mosquito populations.

Question 29: In which paragraph does the writer mention what was tested in experimental huts first?

- A. Paragraph 1
- B. Paragraph 2
- C. Paragraph 3
- D. Paragraph 4

Question 30: In which paragraph does the writer mention what larger trials would measure effects on?

- A. Paragraph 1
- B. Paragraph 2
- C. Paragraph 3
- D. Paragraph 4

Read the following passage about the WhatsApp and Harmful Content Spread and mark the letter A, B, C or D on your answer sheet to indicate the best answer to each of the following questions from 31 to 40.

WhatsApp is **a tough nut to crack** for technology companies worldwide today. Billions of users send secret messages every day. Fake information, hate speech, and political messages spread quickly through private groups. The encryption protects people's privacy, but it makes finding dangerous content very difficult for the police and government. [I] Understanding how bad information moves across WhatsApp is now very important for keeping digital safety and social stability strong in our connected world. This problem needs immediate attention. We need to find new and creative solutions to solve it.

Researchers studied over five million messages from about six thousand public WhatsApp groups in India. **They** used a special method called "cascade mapping" to see how posts were shared among users. [II] By looking at forwarding patterns carefully, they found which messages reached the most people successfully. The research gave useful information about how messages spread across different user groups and areas worldwide. These findings show important progress in understanding how people communicate online.

Results showed that harmful messages spread faster and wider than normal messages. Images and videos spread much more than text messages. However, researchers found something important: the type of content alone cannot fully explain why this happens. The way messages are **forwarded** is also very important in deciding if information spreads widely around the world. [III] Pictures and videos have a strong visual effect that makes people share them more. This structural element is very important and deserves careful attention from researchers and technology companies.

Traditional ways to control content do not work on platforms like WhatsApp with secret messages. Therefore, researchers suggest focusing on changing how people forward messages. [IV] **Stopping people from forwarding the same message many times could reduce how fast messages spread.** These findings show that even "private" platforms make it easy for dangerous content to spread widely. This creates serious problems for government rules and protection systems. Platforms need new and creative solutions immediately. Future plans must directly stop the ways people forward messages to each other.

Question 31: The phrase "**a tough nut to crack**" in paragraph 1 has the closest meaning to _____.

- A. deal with B. give up on C. look into D. break down

Question 32: Which is NOT mentioned as bad content?

- A. Fake information
B. Hate speech
C. Commercial spam
D. Political messages

Question 33: Where in the paragraph does the following sentence best fit?

This method helped scientists understand how far and fast each message traveled through networks.

- A. [I] B. [II] C. [III] D. [IV]

Question 34: The word "**They**" in paragraph 2 refers to _____.

- A. The WhatsApp groups
B. The messages
C. The technology companies
D. Researchers

Question 35: Which of the following best summarises paragraph 3?

- A. Harmful messages spread faster due to visual elements, yet forwarding patterns and distribution networks significantly influence how information travels widely through private messaging communities.
B. Images and videos propagate more effectively than text because their powerful visual characteristics naturally encourage users to share and forward them immediately without hesitation.
C. The primary reason dangerous messages spread rapidly is that harmful content inherently possesses characteristics making it more shareable than ordinary messages across all communication platforms.
D. Message distribution relies entirely on forwarding behavior and network structures rather than the actual content characteristics, which means controlling sharing patterns is the only effective solution.

Question 36: The word "**forwarded**" in paragraph 3 is OPPOSITE in meaning to _____.

- A. retained B. deleted C. blocked D. withheld

Question 37: Which of the following best paraphrases the underlined sentence in paragraph 4?

- A. Limiting message forwarding could slow down information spreading speed.

- B. Preventing repeated forwarding might decrease how quickly content circulates.
- C. Restricting repeated message forwarding could reduce the speed of information spread.
- D. Reducing frequent message forwarding would minimize content distribution velocity.

Question 38: Which of the following is TRUE according to the passage?

- A. Images spread faster than videos because they require less bandwidth for users to download and share.
- B. The manner in which users forward messages significantly contributes to content spread beyond just the type of content itself.
- C. Researchers discovered that text messages spread equally fast as images through WhatsApp groups in India.
- D. Traditional content control methods work effectively on WhatsApp because encryption helps identify dangerous information quickly.

Question 39: Which of the following can be inferred from the passage?

- A. Government agencies require cascade mapping technology to successfully monitor and control content distribution across WhatsApp groups operating in different countries.
- B. Platforms may need to restrict forwarding capabilities rather than solely focusing on detecting harmful content to effectively manage information spread online.
- C. Researchers discovered that traditional content control methods have become more effective when combined with advanced encryption technology on messaging apps.
- D. The spread of visual content through WhatsApp groups poses greater challenges to law enforcement than harmful messages spread through alternative communication platforms.

Question 40: Which of the following best summarises the passage?

- A. Images and videos are always more dangerous than text messages, so all visual content should be removed immediately from the platform.
- B. The encryption system on WhatsApp prevents researchers from knowing which messages are harmful or harmless to different user communities.
- C. Message spread depends not only on what is shared but also on how users forward content through networks, making behavior modification necessary.
- D. Traditional regulation methods work well on public platforms but government agencies lack the authority to enforce rules on private messaging applications.