

## UNIT 11 – SCIENCE AND TECHNOLOGY

### TEST 01

Mark the letter A, B, C or D on your answer sheet to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

Question 1: A. gentle B. kennel C. generate D. genetics

Question 2: A. cholera B. machinery C. mechanic D. chemist

Mark the letter A, B, C or D on your answer sheet to indicate the word that differs from the other three in the position of primary stress in each of the following questions.

Question 3: A. platform B. airport C. repeat D. practice

Question 4: A. application B. entertainment C. scientific D. identity

Mark the letter A, B, C or D on your answer sheet to indicate the word that differs from the other three in the position of primary stress in each of the following questions.

Question 5: There are a lot of benefits to do \_\_\_\_\_ researches.

A. scientific B. enormous C. precise D. technical

Question 6: To check \_\_\_\_\_ students now just scan their fingerprints on those machines.

A. attentive B. attention C. attendant D. attendance

Question 7: Fingerprint \_\_\_\_\_ sometimes need more time than usual to read your fingerprints.

A. screens B. computers C. scanners D. printers

Question 8: He said that Emily was wearing a brown dress she'd bought \_\_\_\_\_.

A. yesterday B. the previous day C. the following day D. tomorrow

Question 9: The workers said that robots \_\_\_\_\_ them on assembly lines.

A. were replacing B. are replacing C. have been replace D. replace

Question 10: They said that Valentina was the first woman \_\_\_\_\_ into space.

A. traveling B. to travel C. travels D. was traveling

Question 11: We need \_\_\_\_\_ evidence to confirm the existence of aliens.

A. science B. scientist C. scientific D. sci-fi

Question 12: Teacher: "What do you think robots will replace human in the future?"

Student: "\_\_\_\_\_"

A. Thank you B. I don't know  
C. I can't agree with you more D. I think they can not

Read the following announcement and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 13 to 16.

#### PUBLIC TRANSPORT ANNOUNCEMENT

Welcome to City Bus Service! To have a safe trip, please (13) \_\_\_\_\_ these rules:

- Always have your (14) \_\_\_\_\_ ready for checking
- (15) \_\_\_\_\_ to the announcements for important news
- If you (16) \_\_\_\_\_ any bags left alone, tell the staff right away.

Question 13: A. ignore B. follow C. break D. forget

Question 14: A. bag B. money C. ticket D. map

Question 15: A. Shout B. Listen C. Speak D. Turn

Question 16: A. see B. hide C. lose D. forget

Mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions 17.

A new sports center opened in our city last week. It has been popular. \_\_\_\_\_.

- The center offers various sports facilities like a swimming pool and a gym.
- Many people are excited to use the new sports center
- The city built the center to encourage people to be more active.

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

**Question 18. Choose the sentence that can end the text (in question 17) most appropriately.**

- A. The sports center has become a favorite place for families and athletes.
- B. Some people were disappointed with the opening hours of the center
- C. The center also provides free sports equipment for everyone
- D. There were some problems with the center's facilities initially.

**Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each numbered blank from 19 to 24.**

Developments in science and technology have brought a number of advantages in education. First, it increases efficiency and motivation for students. Students learn more (19) \_\_\_\_\_ through visual presentations or videos. They can also feel more motivated to learn in this way. Secondly, digital search and internet (20) \_\_\_\_\_ have a positive impact on the research habits of learners. Technology has opened doors for learners to access information sources to find (21) \_\_\_\_\_ to problems by themselves. Thus, students feel willing (22) \_\_\_\_\_ research on their own. Third, students can access more information when they study. For example, learners who desire to write quality essays can find samples to guide them in their writing process. They can learn the best ways to present and structure their essays. Moreover, (23) \_\_\_\_\_ in science and technology can increase flexibility for learning. With online classes, students don't need to (24) \_\_\_\_\_ lessons at specific times, especially when there is a pandemic or in stormy weather. They can read materials online and complete their assignments when they have time.

- |                             |              |               |                |
|-----------------------------|--------------|---------------|----------------|
| Question 19: A. effectively | B. effect    | C. efficiency | D. affected    |
| Question 20: A. utensils    | B. tools     | C. equipment  | D. gadgets     |
| Question 21: A. answers     | B. solutions | C. progress   | D. development |
| Question 22: A. to do       | B. do        | C. doing      | D. did         |
| Question 23: A. growth      | B. increase  | C. progress   | D. development |
| Question 24: A. come        | B. attend    | C. learn      | D. study       |

**Mark the letter A, B, C or D on your answer sheet to indicate the sentence that is closest in meaning to the original sentence in each of the following questions.**

**Question 25: NASA said that they could send people to Mars the following year.**

- A. "We will send people to Mars next year." NASA said
- B. "We can send people to Mars next year." NASA said
- C. "We could send people to Mars last year." NASA said
- D. "We would send people to Mars last year." NASA said

**Question 26: My roommate told me "While you are away, I'll do the cleaning."**

- A. My roommate told me that while she was away, I would have to do the cleaning.
- B. My roommate told me that while I was away, I would have to do the cleaning.
- C. My roommate told me that while I was away, she would do the cleaning
- D. My roommate told me that while I am away, she will do the cleaning.

**Mark the letter A, B, C or D on your answer sheet to indicate the sentence that is made from the given cues in each of the following questions.**

**Question 27: Schools/ use/ advanced technology/ monitor/ students/ better.**

- A. Schools use advanced technology to monitor students better.
- B. Advanced technology uses schools to monitor better students.
- C. Better schools use technology to monitor students advanced.
- D. Students use advanced technology in schools to monitor better.

**Question 28: The scientists/ say/ they/ work/ a vehicle/ look like/ flying cars.**

- A. The scientists said they were working on a vehicle that looks like flying cars.

- B. The scientists said they work a vehicle that looks like flying cars.
- C. The scientists worked on a vehicle that they say looks like flying cars.
- D. The scientists said they work on a vehicle looking like flying cars.

*Read the following sign or notice and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions.*

**Question 29: What does the sign instruct?**



- A. Wash your hands only if they look dirty before eating
- B. It is fine to eat without washing your hands first.
- C. Wash your hands before you eat to keep everything clean
- D. Wash your hands after eating, not before you start.

**Question 30: What should you bring?**

Join us for a beach clean-up day! Meet at the main entrance at 8 a.m. Please bring gloves and a bottle of water

- A. A picnic basket
- B. Gloves and a bottle of water
- C. A towel
- D. Sunglasses

*Read the following passage and mark the letter A, B, C or D on your answer sheet to indicate the correct answer to each of the following questions from 31 to 36.*

#### STAYING SAFE

When you ask more people about the benefits of apps on their smartphone, they say they use them to play games, surf the net, keep in touch with people and organize social events. But Jenny Harlow, a scientist from London, has got an app that does something much more important: it warns her when she is in danger. The app is called Safety Tips and it gives users real-time earthquake and tsunami warnings. The Japan Tourist Agency had the idea for the app after the 2011 earthquake in Japan, when many foreign tourists in the country were **confused** about what was happening and what they should do. Jenny was on a business trip to Japan when the earthquake struck. 'Although there are a lot of earthquakes in Japan, it was the first time I experienced one. All the warnings and information on the internet, radio and TV were in Japanese, and I couldn't understand. It was really confusing and I didn't know what to do.' She had to rely on Japanese colleagues to help her. The Safety Tips app sends an alert to users when a major earthquake happens, and also tells them if a tsunami is likely to arrive at the coast. The app gives lots of tips about what to do, where to go and how to stay safe, as well as a list of useful Japanese phrases such as 'Is this an earthquake?' and 'Is it **safe** here?' Importantly, all the information is in English, and there are plans to add other languages. The Japan Tourist Agency plans to advertise the app at airports and tourist information centres in Japan. In order to get the app, people visit a website and download it. 'I'm coming to Japan again next year and I will definitely watch out for alerts from the app,' says Jenny.

**Question 31: What is the main purpose of the Safety Tips app?**

- A. To help users organize social events
- B. To provide real-time earthquake and tsunami warnings
- C. To help users play games and surf the net
- D. To teach Japanese language

**Question 32: Which word has the same meaning as "**confused**" in the text?**

- A. Alerted
- B. uncertain
- C. safe
- D. simple

**Question 33: Which word is the OPPOSITE of "**SAFE**" as used in the text?**

- A. Confusing
- B. dangerous
- C. helpful
- D. important

**Question 34: Which of the following is NOT TRUE according to the text?**

- A. The Safety Tips app was created after the 2011 earthquake in Japan.
- B. Jenny understood Japanese warnings during the earthquake.

- C. The app provides earthquake and tsunami alerts in English.
- D. Jenny plans to use the app on her next trip to Japan.

**Question 35: Why did Jenny find the 2011 earthquake confusing?**

- A. She didn't know earthquakes were common in Japan.
- B. The warnings were in Japanese, which she couldn't understand.
- C. She didn't have a smartphone to get alerts.
- D. She wasn't in Japan during the earthquake.

**Question 36: What does the Safety Tips app provide besides earthquake and tsunami alerts?**

- A. Weather forecasts for Japan
- B. A list of helpful Japanese phrases
- C. Social event organization tools
- D. Directions for downloading other apps

*Four phrases/ sentences have been removed from the text below. For each question, mark the letter A, B, C or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 37 to 40.*

Computers are helpful in many ways. First, they are fast. They can work with information even more quickly than a person. (37) \_\_\_\_\_. Third, they can keep information for a long time. They do not forget things that the common people do. (38) \_\_\_\_\_. They are not perfect, (39) \_\_\_\_\_. Recently, it is important to know about computers. There are a number of things to learn. Some companies have classes at work. In addition, most universities offer day and night course offers in Computer Science. Another way to learn is from a book, or from a friend. After a few hours of practice, (40) \_\_\_\_\_. You may not be an expert, but you can have fun.

- A – Moreover, computers are almost always correct
- B - Second, computers can work with a lot of information at the same time
- C - but they usually do not make mistakes
- D - you can work with computers

**Question 37.** \_\_\_\_\_ **Question 38.** \_\_\_\_\_ **Question 39.** \_\_\_\_\_ **Question 40.** \_\_\_\_\_