

**TA12. U6. Artificial Intelligence. Vocabulary 3**

|                                  |                          |                        |                    |
|----------------------------------|--------------------------|------------------------|--------------------|
| activate (v)                     | advanced (adj)           | analyse (v)            | application (n)    |
| artificial intelligence (AI) (n) | capable (adj)            | chatbot (n)            | data (n)           |
| digital (adj)                    | evolution (n)            | facial recognition (n) | function (n)       |
| hands-on (adj)                   | human-like (adj)         | interact (v)           | personalised (adj) |
| platform (n)                     | portfolio (n)            | programme (v)          | robotic (adj)      |
| upgrade (v)                      | virtual reality (VR) (n) |                        |                    |

|                   |                         |                  |              |                 |
|-------------------|-------------------------|------------------|--------------|-----------------|
| interact with     | engage in               | clarify          | respond      | imitate         |
| provoke           | capable                 | smart            | effective    | personalized    |
| instant           | complex                 | accurate         | facial       | recognition     |
| virtual assistant | artificial intelligence | programme        | software     | platform        |
| interactive       | explore                 | robot            | battery      | vacuum cleaner  |
| scientist         | engineer                | travel agent     | analyse      | evolution       |
| exploration       | milestone               | appearance       | ability      | tropical forest |
| steep             | slope                   | repair           | arrange      | improve         |
| offer             | activate                | delivery service | portfolio    | hands-on        |
| proficiency       | feedback                | dangerous        | mistake      | endangered      |
| identity          | gesture                 | depend on        | forced labor | guided          |
| potential         | limit                   | stimulus         |              |                 |

**Exercise 1: Fill in the blanks with the appropriate word from the vocabulary list.**

1. AI systems can use \_\_\_\_\_ to identify and verify individuals through their facial features.
2. The scientist is working to \_\_\_\_\_ how AI impacts human behavior.
3. A \_\_\_\_\_ assistant like Siri can help manage daily tasks efficiently.
4. The software is designed to provide \_\_\_\_\_ support to users, answering queries instantly.
5. Robots with \_\_\_\_\_ intelligence are capable of learning and adapting to new environments.
6. The team successfully reached a major \_\_\_\_\_ by creating the first fully autonomous robot.
7. The programmer had to \_\_\_\_\_ the robot before it could perform tasks.
8. The \_\_\_\_\_ of the robot is striking, making it look almost human.
9. AI can \_\_\_\_\_ large datasets to provide meaningful insights for decision-making.
10. Students benefit from \_\_\_\_\_ tools that make learning engaging and participative.

**Exercise 2: Match the terms in Column A with their corresponding definitions in Column B.****Column A****Column B**

1. Artificial intelligence a) The ability to identify someone or something based on specific features.
2. Milestone b) A computer program that helps users perform tasks.
3. Facial recognition c) The use of machines to simulate human intelligence.
4. Interactive d) A significant achievement or stage in a process.

**Column A**

- 5. Platform
- 6. Virtual assistant
- 7. Robot
- 8. Explore
- 9. Clarify
- 10. Engineer

**Column B**

- e) A foundation for building and deploying technology applications.
- f) Designed to respond to user actions or input.
- g) A machine capable of carrying out tasks automatically.
- h) To investigate or examine systematically.
- i) To make something clearer or easier to understand.
- j) A professional who designs, builds, or maintains machines or systems.

**Exercise 3: Choose the best option to complete the sentences.**

1. AI systems can recognize faces using \_\_\_\_\_ technology.
  - a) Virtual assistant
  - b) Interactive
  - c) Facial recognition
  - d) Programme
2. The \_\_\_\_\_ of the humanoid robot makes it appear lifelike.
  - a) Appearance
  - b) Gesture
  - c) Feedback
  - d) Proficiency
3. To improve functionality, the robot must first be \_\_\_\_\_.
  - a) Activated
  - b) Repaired
  - c) Limited
  - d) Improved
4. AI has reached a major \_\_\_\_\_ with the development of natural language processing.
  - a) Platform
  - b) Milestone
  - c) Delivery service
  - d) Exploration
5. A \_\_\_\_\_ allows software developers to create and deploy new AI tools.
  - a) Portfolio
  - b) Platform
  - c) Stimulus
  - d) Gesture
6. The teacher asked the AI assistant to \_\_\_\_\_ a complex topic for the class.
  - a) Engage
  - b) Clarify
  - c) Provoke
  - d) Analyze
7. AI tools are designed to offer \_\_\_\_\_ responses to customer queries.
  - a) Accurate
  - b) Instant
  - c) Dangerous
  - d) Guided
8. The \_\_\_\_\_ is responsible for designing the robot's physical structure.
  - a) Scientist
  - b) Engineer

- c) Travel agent
- d) Programmer
- 9. Students found the \_\_\_\_\_ tools helpful in making their lessons more dynamic.
  - a) Interactive
  - b) Steep
  - c) Capable
  - d) Complex
- 10. Scientists use AI to \_\_\_\_\_ data from various experiments.
  - a) Provoke
  - b) Explore
  - c) Analyse
  - d) Respond