Year 7 ICT – Exam Worksheet

Topic: Human-Computer Interface (HCI)
Time: 30–40 minutes
Total Marks: 30

Section A: Multiple Choice Questions (1 mark each)

Circle the correct answer.

1. What does HCI stand for?
   A. Human Computer Integration
   B. Human Computer Interface
   C. Hardware Control Interface
   D. Human Coding Interaction
2. Which of the following is an example of an HCI?
   A. Printer
   B. Monitor
   C. Keyboard
   D. USB Cable
3. A touchscreen is an example of which type of interface?
   A. Command-line
   B. Graphical
   C. Menu-driven
   D. Natural language
4. What kind of HCI do voice assistants like Siri or Alexa use?
   A. Menu-driven
   B. Natural language
   C. Command-line
   D. Graphical
5. What is the main purpose of a Human-Computer Interface?
   A. To increase storage space
   B. To protect the computer
   C. To allow people to interact with computers
   D. To install software

Section B: Short Answer Questions (2 marks each)

6. **Name two types of Human-Computer Interfaces.**

   _Answer: _____ and _____

7. **Give one example of where a touchscreen interface might be used.**

   _Answer: _____

8. **What is a graphical user interface (GUI)?**

   _Answer: _____

9. **Mention one advantage and one disadvantage of using a menu-driven interface.**

   Advantage: _____
   Disadvantage: _____

Section C: Extended Response (5 marks each)

10. **Describe what a good Human-Computer Interface should include to make it user-friendly. Give at least three features.**