

VASISHTHA GENESIS SCHOOL, BARDOLI

(Academic Session: 2025-26)

Date: _____ **Class:** III **Div:** A / B / C **Roll No:** _____ **Sub:** Computer
Name: _____ **Worksheet:** Year End -01

Ch – 8 AI vs. Human Intelligence (Answer Key)

Q1. Choose the correct option and answer the following questions:

- i. AI system powered with weak AI is _____.
(a) **Siri** (b) I-Robot (c) Terminator (d) Star Trek
- ii. Sophia was created by:
(a) Google (b) **Hanson Robotics** (c) Amazon (d) Microsoft
- iii. _____ is a social humanoid robot powered with strong AI.
(a) WALL - E (b) Alexa (c) **Sophia** (d) All of these
- iv. Which ability helps humans choose the best option?
(a) Speed (b) **Decision-making** (c) Memory (d) Storage
- v. Which AI can think on its own without human interference?
(a) **Strong AI** (b) Weak AI (c) Useless AI (d) Fragile AI
- vi. In Quick, Draw! Program, _____ button is used to start the drawing game.
(a) **Let's Draw** (b) Let's Play (c) Let's Pull (d) Let's Show
- vii. Sophia was activated on _____ 14, 2016.
(a) **February** (b) March (c) May (d) July

Q2. State whether the following statements are 'True' or 'False':

- i. AI machines cannot solve complex problems. **False**
- ii. Alexa represents strong AI. **False**
- iii. Human decision can be biased. **True**
- iv. Human intelligence is natural. **True**
- v. In Quick, Draw! Game, you have 20 seconds to draw an object. **True**
- vi. Sophia can show facial expression. **True**
- vii. Quick, Draw! is an offline game. **False**

Q3. Fill in the blanks with the words given in brackets:

(Decision, weak, Google, Dataset, problems, goal)

- i. In Quick, Draw! the **dataset** is a collection of millions of drawings.
- ii. **Decision** making capability of AI is unbiased.
- iii. 'Quick, Draw!' is a free online game developed by **Google**.
- iv. Reasoning is the ability to think through various **problems** and solve them.
- v. AI that is designed for a particular task is called **weak** AI.
- vi. Planning is done to achieve a **goal**.

Q4. Answer the following questions:

i. **Define Artificial Intelligence:**

Ans. Artificial Intelligence (AI) is a way of making intelligent computer programs or robots that can think and act like humans.

ii. **Define Human Intelligence:**

Ans. Human Intelligence is the natural thinking power of humans that comes from learning and experience.

iii. **Write two features of human intelligence?**

Ans. Features of human intelligence are: problem-solving, decision making, reasoning and planning.

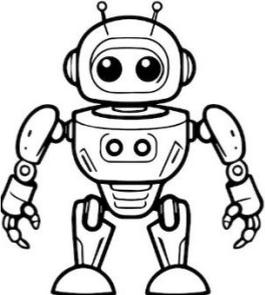
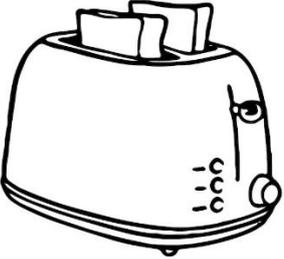
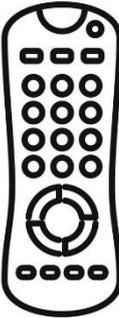
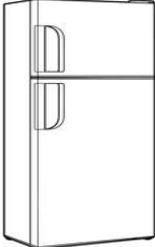
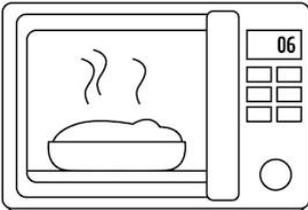
iv. **What do you mean by Quick, Draw!**

Ans. Quick, Draw! is a free online game by Google where players draw objects quickly within 20 seconds.

v. **Write the names of any two virtual assistants.**

Ans. The two virtual assistants are Siri and Alexa.

Q5. Look at the pictures below and circle the ones that use ARTIFICIAL INTELLIGENCE (AI) technology:

 <p>Robot</p>	 <p>Smartphone</p>	 <p>Washing Machine</p>	 <p>Self-Driving Car</p>
 <p>Toaster</p>	 <p>Alexa</p>	 <p>TV Remote</p>	 <p>Robot Vacuum</p>
 <p>Drones</p>	 <p>Smart Watch</p>	 <p>Fridge</p>	 <p>Microwave</p>