

Worksheet No: 7

Subject: Computer

Chapter-9: AI Ethics

Class: VIII

Q1. Choose the correct answer.

1. Who framed the Three Laws of Robotics?
a. Nikola Tesla b. Issac Asimov c. Garry Kasparov
2. Which of the following companies claims that singularity can reduce the time spent on drug trials.
a. Google b. HCL c. IBM
3. Which of the following companies designed Tay, an AI chatbot?
a. Microsoft b. Google c. Amazon
4. Which of the following is not an implication of developing and using AI?
a. Sentience b. AI bias c. security

Q3. Fill in the blanks

1. is a branch of Philosophy, which defines what is good for individuals and society.
2. Refers to the public policies that ensure maximum benefits of AI.
3. Ai powered machines are not immune to making
4. _____ Roboethics is the area of study which deals with how humans should design, use, and treat.....
5. _____ machines have no common sense like humans.
6. _ the Pepper robot was sacked from his duties as it was proving to be confusing to its customers.
7. Ethics is derived from the Greek word _____

Q4. Write 'T' for True and 'F' for False.

1. Robots cannot replace humans in customer care operations.
2. An AI-enabled system must be transparent.
3. AI can be misled to commit mistakes.
4. A trustworthy AI-powered machine cannot be biased.
5. Physical objects cannot be used to execute a cyberattack.

Q5. Answer the following questions.

1. Define the term roboethics.
2. Write any two main components of a good AI policy.
3. Why is it important to talk about AI ethics?

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