

2. Who, When and What?

Worksheet

A. Choose the correct option:

1. Who is considered the father of Artificial Intelligence and introduced the concept of a theoretical computing machine?
(a) John McCarthy (b) Marvin Minsky
(c) Alan Turing (d) Herbert Simon
2. Which AI researcher coined the term "Artificial Intelligence"?
(a) John McCarthy (b) Marvin Minsky
(c) Herbert Simon (d) Arthur Samuel
3. Who developed the first neural network simulator and made significant contributions to cognitive science and robotics?
(a) Frank Rosenblatt (b) Gerald Sussman
(c) Marvin Minsky (d) Guy L. Steele Jr
4. Which AI researcher is known for his work on decision-making processes and received the Turing Award in 1975?
(a) Herbert Simon (b) Arthur Samuel
(c) Frank Rosenblatt (d) Marvin Minsky
5. Who coined the term "Machine Learning" and is known for developing the self-learning checkers program?
(a) Arthur Samuel (b) Frank Rosenblatt
(c) Geoffrey Hinton (d) Guy L. Steele Jr
6. Who created the perceptron, a type of artificial neural network, and contributed to the development of neural network-based learning?
(a) Gerald Sussman (b) John McCarthy
(c) Andrew Ng (d) Frank Rosenblatt
7. Who is known for his work on Lisp programming language and co-authored the influential textbook "Structure and Interpretation of Computer Programs"?
(a) Gerald Sussman (b) Guy L. Steele Jr
(c) Geoffrey Hinton (d) Andrew Ng
8. Which AI researcher is recognized for his contributions to deep learning, particularly in the development of the backpropagation algorithm?
(a) Geoffrey Hinton (b) YannLeCun
(c) Andrew Ng (d) Marvin Minsky

9. Who is known for his work on convolutional neural networks (CNNs) and co-invented the backpropagation algorithm for training neural networks?
- (a) Andrew Ng (b) Guy L. Steele Jr
(c) YannLeCun (d) Marvin Minsky
10. Which AI researcher co-founded Coursera and played a key role in the development of the Google Brain project?
- (a) Geoffrey Hinton (b) YannLeCun
(c) Andrew Ng (d) Gerald Sussman

B. Rewrite the statements correcting the mistakes in it.

1. Alan Turing invented the first computer.
2. John McCarthy developed the first artificial neural network.
3. Marvin Minsky was primarily known for his contributions to quantum computing.
4. Herbert Simon received the Turing Award for his work in natural language processing.
5. Arthur Samuel coined the term "Machine Learning" but did not contribute to the development of self-learning programs.