

Platinum Public School Sakri

**Subject: Computer**

**CLASS – 8th**

**Name of the Student: -**

**Marks**:**40**

**Q. 1 Choose the correct answer 8M**

1. Which of these is not an conditional statement?

a) if….else b) break c) continue d) None of these

1. Which of the following statement forces the next iteration of the loop to take place?

a) if….elif….else b) continue c) break d) None of these

1. Which of these is a jump statement?

a) int b) float c) break d) None of these

1. Which of the following statement allows you to execute one out of two alternate blocks?
2. If b) if…else c) while d) for
3. Which of the following statements allows to create a loop?
4. If… else b) break c) for d) float
5. Which of the following is/are subset(s) of Artificial Intelligence?

a) Machine Learning b) Deep Learning c) Both a and b d) None of these

7. The concept of AI was first propounded in …………. .

a) 1950 b) 1966 c) 1980 d) 1956

8. Which of the following is called the father of the artificial intelligence?

a) Alan Turing b) Thomas Knoll c) Charles Babbage d) Ada Lovelace

**Q. 2 Fill in the blanks 10M**

(break, print(), machine learning, deep blue, carthy, brain, Artificial Intelligence, continue, input(), if)

1. The ….. statement is used to take input from the user during the execution of program.
2. The……….. statement is used to display the output on the screen.
3. The………… statement allows you to break out of a loop in a python program.
4. The ……… statement forces the next iteration of the loop to take place and skips the current iteration.
5. The …. Statement is a decision making statement in python.
6. ……….. is being implemented successfully in various fields like vehicles, speech recognition, games, medicine, etc.
7. ……… is a core subject area of Artificial Intelligence.
8. ….. first coined the term Artificial Intelligence.
9. The ultimate goal of Artificial Intelligence is to emulate capabilities of ………….. .
10. ……….. became the first computer program to defeat a world champion in a chess match.

**Q. 3) Write T true and F for false 10M**

1. The continue statement is used to break the execution of a loop.
2. The input () function can be used to display the output on the screen in different formats.
3. In Python, there are two types of loops for loop and while loop.
4. The break statement is used to control the flow of execution of a program based on a given text condition.
5. The assertion that machines could act as if they where intelligent is called weak AI hypothesis.
6. Deep learning is a subset of AI that includes statistical techniques.
7. The values on which an operator works is called operands.
8. Artificial Intelligence is relatively new field in science and technology.
9. Human brain has the ability for reasoning, problem solving and learning.
10. The break statement terminates the loop within which it lies.

**Q. 4) Short answer type questions. 6M**

1. What is python?
2. What is the use of print () function in python?
3. What is the use of the jump statement in python?
4. Define Artificial Intelligence.
5. Who coined the term Artificial Intelligence?
6. State the strong AI hypothesis?

**Q. 5) Long answer type questions 6M**

1. Explain the working of the for loop with an example?
2. How to calculate area of a triangle in python? Write program.
3. What can Artificial Intelligence do today?