

# Worksheet

Name: .....  
Roll No: ..... Class: ..... Section: .....  
Date: .....

## AI AND ROBOTICS

### Chapter-11

#### A. Write a short note on the following.

1. Artificial Intelligence - .....  
.....
2. Natural language processing - .....  
.....

#### B. Fill in the blanks.

1. IBM's ..... became the first computer program to defeat a world champion in a chess match.
2. The earliest successful Artificial Intelligence program was written in ..... by ..... .
3. Machine learning is a core subject area of ..... .
4. .... are designed and manufactured to perform tasks that are difficult to perform by humans.

#### C. Write 'T' for true and 'F' for false. Correct the false statements.

1. Robots are different from other machines since they can be programmed to have a certain degree of autonomy.  
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2. The term 'mechatronics' was coined in the year 1969 by Karel Kapek.  
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3. A robot Dante II monitored the volcanic activity of Alaska's Mount Spurr in the year 1994.  
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4. Android also refers to a mobile operating system (OS) based on Windows.  
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