

Name: .....

Roll No: .....

Class: ..... Section: .....

Date: .....

## ROBOTICS AND AI

### Chapter-10

#### A. Fill in the blanks.

- The field of mechanics and electronics together has given rise to a new emerging sector called .....
- ..... also refers to a mobile operating system (OS) based on Linux.
- A robot developed in ..... can attack on insects.
- ..... are made up of a vast variety of electronic components, sensors, servo motors, flexible axis devices, chips and microprocessors.
- IC stands for .....

#### B. Tick (✓) the correct option.

- Which of the following is a type of Robot?
 

|                     |                          |                  |                          |
|---------------------|--------------------------|------------------|--------------------------|
| a. Service          | <input type="checkbox"/> | b. Industrial    | <input type="checkbox"/> |
| c. Both (a) and (b) | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |
- The word robot comes from the Slavic word .....
 

|             |                          |                  |                          |
|-------------|--------------------------|------------------|--------------------------|
| a. Robota   | <input type="checkbox"/> | b. Machine       | <input type="checkbox"/> |
| c. Robotics | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |
- The term robotics was first used in print by ..... in his science fiction short story 'Liar' published in May 1941.
 

|                 |                          |                  |                          |
|-----------------|--------------------------|------------------|--------------------------|
| a. Robert Gill  | <input type="checkbox"/> | b. Karel Capek   | <input type="checkbox"/> |
| c. Issac Asimov | <input type="checkbox"/> | d. John McCarthy | <input type="checkbox"/> |
- Robotics has paved the way for computers associating closely with ..... brains.
 

|                     |                          |                  |                          |
|---------------------|--------------------------|------------------|--------------------------|
| a. Human            | <input type="checkbox"/> | b. Animal        | <input type="checkbox"/> |
| c. Both (a) and (b) | <input type="checkbox"/> | d. None of these | <input type="checkbox"/> |