

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## LATEST TECHNOLOGICAL DEVELOPMENTS

### Chapter-6

#### A. Fill in the blanks using the hints given below:

**Hints:** AI, Virtual, RP, Augmented Reality, RPA

- ..... is the blending of Virtual Reality and real life.
- The purpose of ..... is to transfer the execution of the process from humans to robots.
- Shakey was the first robot to use ..... to navigate.
- In Virtual Reality, a ..... world is created that users can interact with.
- ..... method is used to create models to quickly test a new product before mass production.

#### B. Answer the following questions:

- State any 2 uses of AI.  
.....
- What is the use of Pattern Recognition?  
.....
- Explain RPA briefly.  
.....
- What is 3D printing?  
.....

#### C. Match the following:

- |                      |                             |
|----------------------|-----------------------------|
| 1. Industry          | a. Application              |
| 2. Financial service | b. Premium information      |
| 3. Telecom           | c. Checking frauds          |
| 4. Insurance         | d. Service order management |