

Name: .....

Roll No: .....

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

Date: .....

## LATEST TECHNOLOGICAL DEVELOPMENTS

### Chapter-1

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

**Hints:** Shakey, 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.
- ..... was the first robot to use AI to navigate.
- In ..... Reality, a virtual 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:

- What is AI?  
.....
- What is Pattern Recognition?  
.....
- What do you mean by Rapid prototyping?  
.....
- What is RPA? Explain.  
.....

#### 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 |