

Name: \_\_\_\_\_  
Roll No: \_\_\_\_\_  
Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## LATEST TECHNOLOGICAL DEVELOPMENTS

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

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

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

### B. Answer the following questions:

1. What is AI?  
.....
2. What is Pattern Recognition?  
.....
3. What do you mean by Rapid prototyping?  
.....
4. 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 |