**ORANGE**

WORKSHEET ①

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

**TOUCHPAD**
**PRIME Ver. 2.2** ⊳

**CLASS 8**

# LATEST TECHNOLOGICAL DEVELOPMENTS

Chapter-1

## A. Tick (✓) the correct option.

1. Which of these is not an area of application of AI?

   a. Expert system ☐
   b. Natural Language Processing ☐
   c. 3D Printing ☐
   d. Robotics ☐

2. The app ........................ uses the GPS location of the smartphone and the camera to collect information about the user's surroundings.

   a. Star Walk ☐
   b. Layar ☐
   c. Mimo ☐
   d. Compass ☐

3. The camera in the device ........................ recognizes and tracks the users hand gestures with the help of computer-vision techniques.

   a. SixthSense ☐
   b. Google Glass ☐
   c. Oculus Rift ☐
   d. Mimo ☐

4. Which of these is the system of connected computing devices that creates a virtual network?

   a. VR ☐
   b. IoT ☐
   c. RPA ☐
   d. AR ☐

## B. Write 'T' for true and 'F' for false.

1. Apps are software written for mobile devices based on robotics and machine learning technology. ............

2. Facial recognition software and video surveillance cameras are examples of pattern recognition software. ............

3. 3D Printing was first developed at MIT (Massachusetts Institute of Technology) in the 2005. ............

4. Robotic automation creates a new IT structure with complex system integrations. ............

Grade: ☆ ☆ ☆ ☆ ☆    Teacher's Signature: _____