



## INDIAN SCHOOL AL WADI AL KABIR

Class: XI Informatics Practices	Department: Computer Science	Date of submission: 16/02/2022
Worksheet No: 11	Topic: Emerging Trends	Note: Please answer these questions in your class note book

/AI, Augmented reality, Big Data, Blockchain, Cloud computing, Data Analytics, IoT, Machine Learning(ML), Natural Language Processing (NLP), Robotics, Sensors, Virtual Reality (VR)/

1. \_\_\_\_\_ endeavours to simulate the natural intelligence of human beings into machines thus making them intelligent.
2. This field of AI comprises algorithms that use data to learn on their own and make predictions. We are talking about \_\_\_\_\_.
3. The five Vs i.e. Volume, Velocity, Variety, Veracity, and Value are the characteristics of \_\_\_\_\_.
4. The \_\_\_\_\_ is a network of devices that have embedded hardware and software to communicate (connect and exchange data) with other devices on the same network.
5. A \_\_\_\_\_ converts the physical parameter (for example temperature, blood pressure, humidity, speed, etc.) into a signal which can be measured electrically.
6. \_\_\_\_\_ is the on-demand availability of computer system resources, especially data storage and computing power, without direct active management by the user.
7. \_\_\_\_\_ Technology refers to the record-keeping technology used to hold transactional records while ensuring security, transparency, and decentralization.
8. The goal of \_\_\_\_\_ is to design intelligent machines that can help and assist humans.
9. \_\_\_\_\_ allows a user to look at, explore, and interact with the virtual surroundings, just like one can do in the real world.
10. \_\_\_\_\_ is a subfield of linguistics, computer science, and artificial intelligence concerned with the interactions between computers and human language.

11. The process of examining data sets in order to draw conclusions about the information they contain, is called \_\_\_\_\_.

12. The superimposition of computer-generated perceptual information over the existing physical surroundings is called \_\_\_\_\_.

Answers:

1: AI

2: Machine Learning(ML)

3: Big Data

4: IoT (Internet of Things)

5: Sensor

6: Cloud computing

7: Blockchain

8: robotics

9: Virtual reality

10. Natural language processing

11. data analytics

12. augmented reality