1. How and where is facebook using Machine Learning to improve user experience? (2.5 marks)

Ans: ML is used by FB in various things some are discussed below.

\*when we upload a picture it identifies specific people those are in friendlist and gave user a option to tag them.

\*it uses to give users suggestions of friends.

\*suggest pages of specific topics that we search or daily basis.

\*show names of friends very first which is dominant on others.

2. How do you think deep learning can change the world and do wonders? (2.5 marks)

ANS: The day is not that far away where everything is based on deep learning, trained models, robots and vehicles which will work as like human do and handle things,it gives an edge to make things do work more smarter and better and revolutionize technology in each and every things using smart algorithms.

Some examples that are being used now a days are:image colorization, facial recognition personalized shopping and entertainment (such as Netflix), virtual assistant, Translation and best in my view Is a vision for driverless delivery trucks, drones and cars etc.

3. What is your dream AI project that can become into reality and can have a commercial value. Justify your answer. (5 marks)

ANS :As I am fond of vehicles my dream AI project will also relate to it, I want to cheap the AI based vehicle on which most of the companies are working today like lamborghini, Tesla, from self driven vehicles it should also have the ability to change its colors and make air suspension adjust by its own while observing roads and why not safety of people should be kept first, have ability while on drive to maintain safe distance from others and to keep In lane, this can be done when model was trained initially and after some time results in a safe and secure driver.