<u>ANSWER THE FOLLOWING QUESTIONS</u>:

1. How and where is Facebook using Machine Learning to improve user

experience?

ANS:

- Facebook uses Machine learning in every aspect.

- Either you are scrolling the news feed or browsing the images or videos, you have been a part of seeing Artificial Intelligence (Machine learning).

- It improves user experience either you may know any person in your contact list is showing without any searched, and it is showing in front of your Facebook home page.

- The notification of the people whose post we like the most showing up, and the people whom we searched and talked the most.

- If you upload a picture of yours or any other at Facebook with your friends, then you might get a suggestion whether you want to be tagging someone or not in that picture.

- The feed you are searched recently in any website, you might be seen about that the same feed notification in front of your notification bar.

- Hence from above, we can able to conclude that Facebook use Machine learning in every aspect. You just need to visualise where it's exactly been implemented.

2. How do you think deep learning can change the world and do wonders?

ANS:

- Deep learning is a subset of machine learning in artificial intelligence (AI) that has networks capable of learning unsupervised from data that is unstructured or unlabeled. Also known as deep neural learning or deep neural network.
- By using Deep Learning algorithms, we may be able to train our models to take decisions on their own.
- For example, Deep Learning is helping to improve worker safety around heavy machinery by automatically detecting when people or objects are within unsafe distance or machine.
- Deep Learning is used to detect pedestrian which helps the people to decrease the road accidents. And that's how Deep Learning can change the world and do wonders.

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

ANS: My dream project based on Artificial Intelligence that maybe become into reality and can have a commercial value.

As one of my relative is pregnant. She went to a medical checkup for every 3rd week of pregnancy. During 1st month of pregnancy she is losing her weight instead of gaining, she is weak because of not taking a proper diet or medicines, the doctor is recommended her some treatment but before treatment is starts, they had to go for blood tests. She is weak day by day and giving her blood for every treatment to check about her weakness and health instead of any proper treatment. She is already weak and she needs more blood in her body to live a good life and her baby also needs a good health.

So, as my idea I though why not we invent a DEVICE which we can check every disease without taking a blood out from a human body, and gave us a proper result/report about his/her health. And as that DEVICE the person is not suffering to giving out blood of their body as well as not getting more weakness from any disease.