

**Project Report (Group No.#06,  
BS Mathematics-II)**

**Course Name**

Citizenship Education and Community Engagement

**A project report on**

**Tree Plantation**

**Submitted by**

**Group No. # 06**

Urva Hanif (BMAF19BM012) **Group Leader**

Tasmia Sahfgat (BMAF19BM014)

Humaira Naheed (BMAF19BM018)

Mehreen Kousar (BMAF19BM034)

Reemal Chohan (BMAF19BM053)

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# Report

A plantation is an agricultural property dedicated to planting a few crops. But, tree plantation means planting plants and shaded trees.

Tree plantation is the process of transferring of seedlings from one place to another for different purposes. Furthermore, there are various reasons behind tree plantation but the most important are forestry, land reclamation, and landscaping. Each process of tree plantation is important and unique in its own way.

In addition, it renders a good feeling and makes the place worth living. It is the easiest way to beautify the surrounding. Trees are often planted on the parks, gardens, roadside, societies, and garden of our home for the purpose of reforming. They provide shelters to many animals and their shade will also be used by humans as well as animals in the summer season. Specially, when passengers are traveling to a long distance in hot weather, they use the shade of trees for taking rest.

Besides, it does not only make the surrounding beautiful but also provides various other benefits and helps in beating the heat.

To conclude, the time has come for us to realize the importance of tree plantation. Also, it is our duty to contribute to tree plantation. In addition, the

government must take this matter seriously and should start working towards involving more and more people to advance the cause.

Our group decided a tree Plantation Programme as our project in different parts of our area. The members selected the empty places and the road sides to plant plants in a well-organised way. We bought these plants at our own expense(pocket money). In order to restore the eco-balance of the afforestation drive was taken with all seriousness. Anyway, members were highly enthusiastic to make it a big success. The students planted plants, and fenced them and watered the plants. The project created a great stir among the general public too, which was our main objective.

We(members) worked hard on our project. And work done by members is given below;

## Urva Hanif

As, this activity couldn't be done by one person, so I was needed some people for this activity. So my family and the kids in the neighborhood helped me. My father and five children in my neighborhood were my companions. They fully supported and encouraged me for this work. So, I did my activity in this way;

First, I went to the nursery with my Companions, from where I bought 30 plants. Then we went to the place where we were going to plant, and we had already dug that place and improved that. Then I started

planting trees in the following way and my Companions helped me.

Firstly, I Located all underground utilities prior to digging. Than, I identified the trunk and improved the soil to help the plant survive in the long-term. I add some gypsum to improve the soil structure and drainage, and well-rooted compost to provide organic matter and further structure. After that, I dug shallow, broad planting holes , which were 2-3 times wider than the root ball, but only as deep as the root ball. I took the plant out of its pot in a way that kept the root as intact as possible. Because root disturbance in healthy stock could shock the plant, I Inspected container tree root balls for circling roots. Straightened, cut or removed them. I Took care to dig the hole to the proper depth- and no more. If the tree were planted too deep, new roots could had difficulty developing because of lack of oxygen. Before backfilling, I had viewed the tree from several directions to confirm it is straight. Packed soil around the base of the root ball to stabilize it. Filled the remainder of the hole, firmly packed the soil to eliminate air pockets that could dry our roots. Further reduced air pockets by watering periodically while backfilling. Avoided fertilization at the time of planting. Staked the trees, if necessary and Mulched the base of tree. I watered the plant in to ensure that the soil settled around the plant, and the roots get good contact with the soil. I also provided an important first drink. Kept the soil moist, but not water-logged. Water is

important for plants growth, I irrigated those daily. Watered trees daily, barring rain and more frequently during hot, windy weather.

We( me and my Companions) are taking care of plants from 11 days. We watered the plants daily. As I couldn't go daily to see plants, that's why I went to see once in four to five days to see plants, but my partner goes daily to see plants and watered them.

Twenty-seven plants out of thirty have grown in such weather due to good care. That's mean my activity gave me 90% result. And I hope so, these plants will become strong trees.







## Tasmia Shafqat

I selected the empty places and the roadsides to plant saplings in a well-organised way. On work place, The saplings were supplied by me. In order to restore the eco-balance of the afforestation drive was taken with all seriousness.

I planted saplings, fenced them and watered the plants

I planted twenty five saplings. At first, after selecting the work place, I dig holes. Then place the plants in the whole by follow all guidelines. At last I watered these plants.

I watered these daily. At least once a week I go there to see my plants and there growth.

I planted 25 saplings and 21 saplings survive after this condition of whether.





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## Humaira Naheed

I bought 15 trees . And first of all I choosed for them a fertile land so that , they can grow well. I planted these trees on road side and the houses where is no tree. Then I dug a hole no deeper than the root ball. This keep the roots from settling to deep while still allowing them to penetrate the surrounding soil. Planting too deep is a leading cause of mortality in newly planted trees. So,we didn't pick up the trees by the trunk . We picked up the trees by the root ball.

Some plants wrapped in burlap. As we know that If planting a tree with roots wrapped in burlap, remove as much of the burlap as possible. Because this allows water to seep in and the roots to grow out. So ,I did as this. And planted trees.

Fertilizer is little to no help and could even be harmful to our new trees ,because too much nitrogen will burn tender ,roots , slowly growth and delaying establishment.

Mulch is good because it keeps the topsoil at the perfect temperature for root growth, reduces surface evaporation of water, keeps weeds out, slows or stops the grass growth around the tree's base, and prevents a hard crust from forming on the soil surface. It also is a great reminder to not step or mow around the tree.That is way ,I provided some mulch to new planted trees instead of fertilizer. Cover the planting area with a four-

inch layer of mulch. Keep it at least two inches away from the base of the trunk.

I waters them daily because watering out new trees thoroughly can also remove air pockets that might have occurred during the planting process.





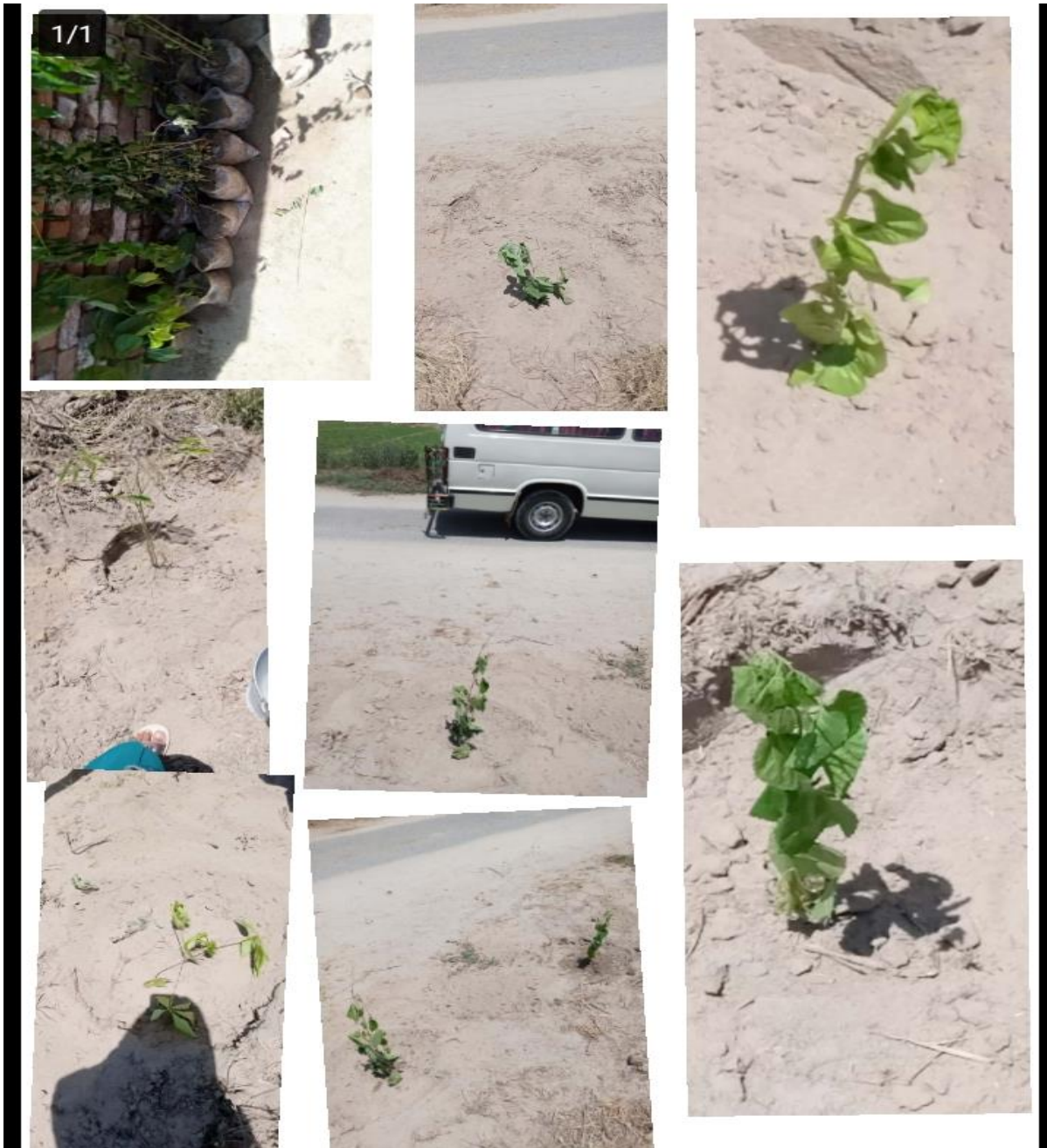
## Mehreen Kousar

I bought 20 trees from my pocket money and planted on the road.

First of all, I improve the soil to help the plant

Survive in the long term and add some gypsum to improve the soil structure. I take care to dig.

The hole to the proper depth and no more. Before backfilling have someone view the tree from several direction to confirm, it is straight. I water in to ensure that the soil settles around the plant. My brother looks after the trees regularly.



## Reemal Chohan

First, I go to the nearest nursery. I bought different types of plants. I buy about 20 plants. I bought all this out of my own Pocket. I planted these plants in my Surrounding Areas and at home. Within a few days, they



began to grow a little. The little plants look so beautiful. I took care of them for about Ten days.

I considered it my duty to provide water and care of them. I took care of this cleanliness. So that people can get benefit from them. Due to good care, they were growing well.





**The End**

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