

DR. KANAILAL BHATTACHARYYA COLLEGE

SEMESTER – VI (UNDER CBCS)

PRACTICAL – 2021

BOTANY – HONOURS

BOT-A-DSE-B

NATURAL RESOURCE MANAGEMENT

TIME : 2P.M – 3:30P.M

DATE: 07/08/2021

F.M – 30

DURATION – 1Hr30Min

Answer the followings (any three)

3X10

1. Write down the principle of estimation of foliar dust deposition on leaves. What are the requirements you need to perform for this experiment? Describe the procedure of the experiment. **2+3+5**
2. Write the main chemical reagents for the test of nitrate. How can you measure the nitrate from the soil by rapid test method? **4+6**
3. Write down the essential reagents and equipments for the estimation of organic carbon from soil. How can you measure the carbonate from soil? **4+6**
4. What is the principle for the estimation of TDS from water? Make a requisition for the estimation of TDS of water. Write down the procedure of TDS estimation of water. **2+3+5**
5. Mention the principle of domestic solid waste measurement. Describe the procedure of domestic solid waste estimation. How can you classify the domestic solid waste? What are impacts of solid waste on land? **2+4+2+2**