**VISION INSTITUTE OF TECHNOLOGY, ALIGARH**

**Assignment/ Question Bank-1**

**Session 2019-20**

**B.Tech. 3rd Year (6th Sem.)**

1. **Short answers type questions.**
2. What is density of food?
3. What is rolling resistance? Write its importance also.
4. In sand & Clay soil; which have high porosity?
5. What is thixotropic property?
6. What is the main difference between spices & Condiments?
7. **Medium answer type questions.**
8. Write down the importance of engineering properties of Agricultural Produce.
9. Define co-efficient of friction?
10. What do you understand by Thermal properties? Describe any two.
11. What is Newtonian Fluid & Non Newtonian fluid
12. What is angle of repose? Describe in details with examples.
13. What is the difference between static friction & Dynamic Friction?
14. What do you understand by Rheological properties? Describe any two.
15. What do you understand by Fruits & Vegetable processing.
16. **Long answer type questions.**
17. What do you understand by stress & strain diagram? Describe in details.
18. Write down the mechanical properties of material.
19. Write short notes on-

a) Roundness Ratio

b) Specific Heat

c) Viscosity