

Important questions of EPBM & FQ

1. Define roundness and sphericity?
2. Define thermal diffusivity and thermal emissivity?
3. Explain dielectric constant and dielectric loss factor?
4. Explain different mode of heat transfer?
5. Explain the determination of specific gravity by pycnometer?
6. What are the applications of different engineering properties?
7. Define thermal conductivity and explain method of determination of thermal conductivity?
8. Explain Hooke and newton model?
9. Explain the time dependent and shear rate dependent behavior of non-Newtonian fluid?
10. Define rheology?
11. Define classification of rheology?
12. Explain stress relaxation and relaxation time?
13. Explain creep and retardation time?
14. Explain Maxwell model with creep recovery response?
15. Define surface area?
16. Define texture and their relationship with food quality?
17. Explain different method of measurement of colour?
18. What are the objective and need of food quality?
19. What are different sampling techniques?
20. What are the sampling procedures for liquid, powdered and granular material?