**MAE 303 – Mechanics of Fluids – Chapter 1-Definitions of Some Important Terms**

1. fluid –
2. solid –
3. fluid mechanics –
4. fluid statics –
5. fluid dynamics –
6. incompressible fluid –
7. compressible fluid –
8. compressible flow –
9. Mach number –
10. speed of sound =
11. R –
12. T -
13. γ -
14. cp –
15. cv –
16. specific weight –
17. specific gravity –
18. subsonic flow –
19. sonic flow –
20. transonic flow –
21. supersonic flow –
22. hypersonic flow –
23. viscosity –
    1. dynamic viscosity
    2. kinematic viscosity
24. inviscid fluid –
25. viscous fluid –
26. Newtonian fluid –
27. non-Newtonian fluid –
28. steady flow –
29. unsteady flow –
30. laminar flow –
31. turbulent flow –
32. d’Alembert’s Paradox –