

### **Assignment: 9 CENTRIFUGAL PUMPS**

1. Give classification of centrifugal pump.
2. Derive expression for the pressure rise in the impeller of a centrifugal pump by neglecting the frictional and other losses in the impeller.
3. Discuss the various characteristic curves of a centrifugal pump.
4. Explain the following terms: Net positive suction head, priming and cavitation.

