**BBDNITM**

**MECHANICAL DEPARTMENT**

**SESSION(2018-19)**

**Automobile Engineering [NME-702]**

**ASSIGNMENT SHEET NO.5**

Q.1 Describe briefly various components of air conditioning unit of a car?

Q.2 Why cooling of I.C.engine is necessary?

Q.3Discuss in detail various cooling system used in I.C.engine?

Q.4 Describe with neat sketch air cooling system .state its limitations.

Q.5What is thermo siphon cooling? What are its disadvantages?

Q.6What is the purpose of lubrication?

Q.7 describe with neat sketch the dry sump lubrication in which engine is it used?

Q.8 Describe with neat sketch the wet sump lubrication. In which engine is it used?

Q.9 Differentiate between splash system and pressure lubrication system?

Q.10What is the difference between open system and closed system of crankcase ventilation?