

**Aircraft Systems**

**Important 10mark questions**

**Unit I**

1. Explain the typical landing gear systems used in aircraft.
2. Explain about brake system in detail.

**Unit II**

1. With a neat sketch, explain the operation of an elevator control systems.
2. Discuss briefly about the various types of trim tabs used in aircrafts.

**Unit III**

1. Describe the operation of a typical hydraulic system with neat sketches.
2. Explain about the pneumatic systems used in aircraft with neat illustrations.

**Unit IV**

1. Discuss about anti-icing and de-icing methods used in aircraft systems.
2. Discuss in detail the cabin pressurization systems of modern aircraft.

**Unit V**

1. Explain about the pressure feed system with a neat sketch.
2. Explain the fuel system for Boeing-727 aircraft with neat sketch.