



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)



## 19ASO301 – Basic of Aeronautical Engineering QUESTION BANK 2

### 2Mark Questions

1. Differentiate center of pressure & Aerodynamic center.
2. What are the classifications of airplane?
3. What are the structures combined to make Wings?
4. Explain the properties of Titanium & application in Aircraft
5. List out the type of Aircraft Engines
6. Define center of pressure with formula.
7. Mention any 10 important components of Airplane.
8. Define Monocoque & Semi Monocoque structure
9. What are metallic materials & non metallic materials?
10. Explain the working principle of Jet engine.

### MARKS

1. Explain with neat diagram of typical wing and fuselage structure & parts.
2. Explain the types of aircraft construction Explain with neat sketch
3. Elaborate the components of the airplane with the diagram and explain it's functions with neat sketch.
4. Briefly explain the classifications of airplanes
5. Explain the composite materials used in Aircraft with properties and application part
6. Explain the metallic & Nonmetallic materials used in aircraft with parts & properties
7. Explain with neat diagram of typical wing and fuselage structure & parts
8. Explain the composite materials used in Aircraft with properties and application part.