



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)



19AEO302 AIRCRAFT SYSTEMS AND ENGINES QUESTION BANK

2Mark Questions

1. Distinguish between hydraulic and pneumatic systems.
2. Classify the types of landing gear retraction system
3. What do you understand by “push pull rod” system?
4. List the various types of IAS
5. List five advantages of using avionics in civil aircraft.
6. Sketch and mark the parts of the push pull rod system of an aircraft
7. Enumerate the lubricating systems used for jet engines
8. What are the disadvantages of wet sump lubrication system in reciprocating engines
9. List five advantages of fly by wire system
10. Write short notes about Integrated Avionics system.

13 &14 Marks Question

1. With neat sketch explain about basic hydraulic systems and its advantages and disadvantages.
2. Explain briefly about the Power actuated systems used in aircraft with neat sketch
3. Discuss in detail about the need of avionics in civil and military aircraft and space systems
4. Briefly discuss about various types of Integrated avionics systems used in aircraft
5. Explain any one type of power actuated systems used in aircraft with neat sketch.
6. List the advantages of using avionics in space systems and conventional aircraft.
7. Describe in detail about Engine Control Systems with neat sketch.
8. Explain briefly about the Conventional Systems used in aircraft with neat sketch.
9. Discuss in detail about Fly by wire systems with neat sketch and mention the merits and demerits.
10. Briefly discuss about various weapon systems used in aircraft.
11. Write short notes on Shock absorbers system in aircraft.
12. List the advantages of using avionics in civil aircraft and Military aircraft.