Assignment 6

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) Which landing gear layout is preferable for a two seater trainer aircraft?
   - Tailwheel
   - Nosewheel
   - Tandem
   - Quadruple
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Tailwheel

2) Which of the following below the desirable features of a landing gear sub-system?
   - Smallest possible size and lowest possible weight
   - Least possible Drag
   - Least complicated during operation and maintenance
   - Least operating cost
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Smallest possible size and lowest possible weight
   - Least possible Drag
   - Least complicated during operation and maintenance

3) Which of the following aircraft have the Multi-bogie type landing gear?
   - Airbus A380
   - Boeing 747
   - Boeing 737
   - Airbus A320
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Airbus A380
   - Boeing 747
   - Boeing 737
   - Airbus A320

4) What are the advantages of the nose/wheel type landing gear?
   - Good ground visibility for the pilot during Takeoff
   - Low drag during the Takeoff run
   - Lower over-running tendency during Landing
   - Large angle of attack during the Takeoff Ground Roll
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Good ground visibility for the pilot during Takeoff
   - Low drag during the Takeoff run
   - Lower over-running tendency during Landing

5) What are the elements of the tail dragger type landing gear?
   - Poor pilot visibility during Takeoff
   - Less ground clearance for nose propeller
   - Lower over-running tendency during Takeoff
   - Difficulty in loading and unloading Cargo and Passengers
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Poor pilot visibility during Takeoff
   - Less ground clearance for nose propeller
   - Lower over-running tendency during Takeoff

6) The allowable bank angle at ground clearance criteria according to FAR 25.145(a) is
   - 10°
   - 15°
   - 12°
   - 16°
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - 10°
   - 15°
   - 12°

7) Which of the following are the main design requirements in which the height of the Landing Gear plays an important role?
   - Aircraft clearance during GAT
   - Rear fuselage clearance during Taxi/Runway
   - Overturn prevention
   - Loading and unloading requirements
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Aircraft clearance during GAT
   - Rear fuselage clearance during Taxi/Runway
   - Overturn prevention
   - Loading and unloading requirements

8) The Landing Gear type of Dassault Mirage aircraft is
   - Single-type landing gear
   - Tail dragger type landing gear
   - Multi-bogie type landing gear
   - Tandem type landing gear
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - Single-type landing gear

9) Jetstream 310 has _______ pairs of main landing gear (NILU) wheels
   - 4
   - 8
   - 9
   - 10
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   - 4
   - 8

10) What are the advantages of OpenVSP software?
    - It is an aircraft specific geometry tool
    - It can estimate Design Gross Weight
    - Easy to learn and use
    - It is an Open Source software
    No, the answer is incorrect. Score: 0
    Accepted Answers:
    - It is an aircraft specific geometry tool
    - It can estimate Design Gross Weight
    - Easy to learn and use

Due on 2020-10-28, 23:59 IST