Assignment 01

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

1. Among the following which instrument measures the attitude of aircraft? 1 point
   - Gyruscope
   - Artificial Horizon
   - Attitude
   - Magnetic compass
   
   Yes, the answer is incorrect. 
   Accepted Answers:
   - Attitude

2. Among the following which instrument measures the speed of aircraft? 1 point
   - Gyruscope
   - Artificial Horizon
   - Pitot tube
   - Pitot pipe
   
   Yes, the answer is incorrect. 
   Accepted Answers:
   - Pitot tube

3. In a steady straight- Riyel flight, L is perpendicula to? 1 point
   - Weight
   - Drag
   - Free stream velocity
   - Both Drag & Free stream velocity
   
   Yes, the answer is incorrect. 
   Accepted Answers:
   - Both Drag & Free stream velocity

4. Which angle is responsible for generating thrust? 1 point
   - Pitch angle
   - Angle of attack
   - Flight path angle
   - None of these
   
   Yes, the answer is incorrect. 
   Accepted Answers:
   - None of these

5. Which one of following airflow section has a zero camber? 1 point
   - NACA0008
   - NACA6001
   - NACA 23012
   - Both NACA0008 and NACA 23012 are correct.

   No, the answer is incorrect. 
   Accepted Answers:
   - NACA0008
   - NACA0008

6. The fastest producing device for aircraft is? 1 point
   - Aircraft wing
   - Aircraft engine
   - Aircraft propeller
   - Aircraft tail

   No, the answer is incorrect. 
   Accepted Answers:
   - Aircraft engine

7. Which airflow section is symmetrical? 1 point
   - NACA0008
   - NACA6001
   - NACA23012
   - All of these

   No, the answer is incorrect. 
   Accepted Answers:
   - All of these

8. One of the basic criteria for selecting airflow is? 1 point
   - FOR shape of the usable airflow region
   - Effectiveness of the control surfaces
   - Effectiveness of the power plant
   - Both Options: "FOR shape of the usable airflow region" and "Effectiveness of the control surfaces" are correct

   No, the answer is incorrect. 
   Accepted Answers:
   - Both Options: "FOR shape of the usable airflow region" and "Effectiveness of the control surfaces" are correct

9. Far the conventional airplane the wing loading value generally? 1 point
   - Less than one
   - Greater than one
   - Depends upon the power plant
   - Both option: "less than one" and "greater than one" are possible

   No, the answer is incorrect. 
   Accepted Answers:
   - Greater than one

10. "If right path angle of a NACA0008 keeping coordinates turn will be? 1 point
    - 90°
    - 180°
    - 270°
    - Prescribed information is not sufficient to draw any conclusions

    No, the answer is incorrect. 
    Accepted Answers:
    - 270°