Assignment 0

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

1) Among the following which is design phase of the Unmanned Air Vehicle (UAV)? 1 point
   - Detail design phase
   - Preliminary design phase
   - Conceptual design phase
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   All of these

2) Generally, for the conventional aircraft, the wing loading value is? 1 point
   - Less than one
   - Equal to one
   - Greater than one
   - Depends upon the power plant
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Greater than one

3) Generally, for the conventional Aircraft the thrust to weight ratio of aircraft is? 1 point
   - Less than one
   - Equal to one
   - Greater than one
   - Can not say
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Less than one

4) During take-off of the VTOL Aircraft, the thrust to weight ratio of aircraft is? 1 point
   - <1
   - =1
   - >1
   - 0
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   >1

5) During Landing of the VTOL Aircraft the thrust to weight ratio of aircraft is? 1 point
   - <1
   - =1
   - >1
   - 0
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   <1

6) What is the expression of load factor of UAV? (T=Thrust, D=Drag, L= Lift, W=weight of UAV) 1 point
   - T/W
   - D/L
   - L/W
   - T/L
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   L/W

7) What is Aerodynamic efficiency of UAV? 1 point
   - It is the ratio of Lift to Drag
   - It is the ratio of Thrust to Weight
   - It is the ratio of Thrust to Drag
   - It is the ratio of Lift to Weight
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   It is the ratio of Lift to Drag

8) In flight, what can be the value of Thrust to Weight ratio of UAV (VTOL=Conventional fixed wing aircraft)? 1 point
   - <1
   - =1
   - >1
   - All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   All of these

9) The cross-section of the wing is called? 1 point
   - Airfoil
   - Cantilever
   - Wingspan
   - Wing chord
   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Airfoil

10) The flight performance of designed UAV depends upon? 1 point
    - Airfoil selection
    - Power plant section
    - Flight altitude at which the UAV is flying
    - All of these
    No, the answer is incorrect.
    Score: 0
    Accepted Answers:
    All of these