Q1. What is the force that tends to pull an aircraft down towards the earth?.

A. Thrust.

B. Weight.

C. Drag.

Correct Answer is. Weight

Q2. The angle at which the chord line of the aerofoil is presented to the airflow is known as.

A. angle of attack.

B. resultant.

C. angle of incidence.

Correct Answer is. angle of attack.

Q3. Wing tip vortices create a type of drag known as.

A. form drag.

B. profile drag.

C. induced drag.

Correct Answer is. induced drag.

Q4. What type of drag, depends on the smoothness of the body, and surface area over which the air flows?.

A. Form drag.

B. Parasite drag.

C. Skin friction drag.

Correct Answer is. Skin friction drag

Q5. When an aircraft stalls.

A. lift increases and drag decreases.

B. lift and drag increase.

C. lift decreases and drag increases.

Correct Answer is. lift decreases and drag increases.

Q6. An aircraft wing with an aspect ration of 6 : 1 is proportional so that.

A. the wing area is six times the span.

B. the mean chord is six times the thickness.

C. the wing span is six times the mean chord.

Correct Answer is. the wing span is six times the mean chord.

Q7. Upward and outward inclination of a main plane is termed.

A. dihedral.

B. sweep.

C. stagger.

Correct Answer is. dihedral.

Q8. Which of the following forces act on an aircraft in level flight?.

A. Lift, drag, thrust.

B. Lift, thrust, and weight.

C. Lift, thrust, weight, and drag.

Correct Answer is. Lift, thrust, weight, and drag

Q9. Airflow over the upper surface of the wing generally.

A. flows towards the tip.

B. flows towards the root.

C. flows straight from leading edge to trailing edge.

Correct Answer is. flows towards the root.