Assignment 10

The due date for submitting this assignment has passed.

As per your records you have not submitted this assignment.

Due on: 2021-03-31, 23:59 IST.

1) Why is a propulsion system needed in an airplane?   1 point
   - To provide thrust force.
   - To maintain control over its direction.
   - To provide main component of lift.
   - To maintain control over its stability.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 1) To provide thrust force.
   - 2) To maintain control over its direction.
   - 3) To maintain control over its stability.

2) Which type of engine was first used on an airplane?   1 point
   - Turbojet engine.
   - Steam engine.
   - Turbofan engine.
   - Turbojet engine.
   - Turbojet engine.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 2) Turbojet engine.
   - 3) Steam engine.

3) Which type of engine is currently used on an airplane today?   1 point
   - Turbojet engine.
   - Turbofan engine.
   - K engines.
   - Electric engines.
   - Turbofan engines.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 3) Turbofan engine.
   - 4) K engines.

4) The gas was invented in which country?   1 point
   - USA.
   - Italy.
   - Germany.
   - China.
   - Brazil.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 4) Germany.

5) Which one of the following was the first airplane to use Blu gas?   1 point
   - Standard 0-8.
   - LS-107 Gulf Supplor.
   - Lockheed Martin F-701.
   - General Electric.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 5) Lockheed Martin F-701.

6) A large fuel oil crude oil (NYC) based water preparatory was proposed for high altitude airplane using because HCFOs have   1 point
   - Lower weight.
   - Higher energy, storage capability.
   - Lower cost.
   - Higher Thermodynamic Efficiency.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 6) Higher energy, storage capability.

7) Thrust vectoring can be done by-   1 point
   - Tilting the propellers.
   - Tilting the engines.
   - Tilting the airplane.
   - Tilting the airplane.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 7) Tilting the airplane.

8) Which of the following is/are the most affected by(s) of an airplane?   1 point
   - Power capacity.
   - VTOC capability.
   - Temperature.
   - All-weather operation capability.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 8) All-weather operation capability.

9) Which of the following is/are the disadvantages of an airplane?   1 point
   - Low Endurance.
   - Large size.
   - Environmental friendliness.
   - Low improved carrying capability at high altitudes.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 9) Low improved carrying capability at high altitudes.

10) Which of the following is/are the disadvantages of an airplane?   1 point
    A. Lower initial cost.
    B. Higher initial cost.
    C. Higher speed.
    D. Lower speed.
    E. Higher fuel consumption.
    F. Lower fuel consumption.

No. The answer is incorrect. Score: 0.
Accepted Answers:
   - 10) Lower initial cost.