

Unit 7 - WEEK 06

Register for Certification exam

Course outline

How to access the portal

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WEEK 06

 Lecture 17 : Carburetor troubleshooting & Fuel Injection System

 Lecture 18 : Fuel injection Systems Contd..

 Lecture 19 : Fuel System

 Quiz : Assignment 06

 Assignment 06 Solution

 Aircraft Maintenance (Engines) : Feedback For Week 6

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Assignment 06

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

Due on 2019-04-10, 23:59 IST

1) What are the advantages of fuel injection system?

- Increased engine efficiency
 Better fuel-air ratio control
 Reduction of maintenance problems
 All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these

2) The fuel injection system is?

- Continuous flow system
 Discrete flow system
 Both 'continuous' and 'discrete flow' system is possible
 None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Continuous flow system

3) In a fuel injection system, fuel to an individual cylinder is distributed using?

- Fuel flow divider
 Air bleed fuel discharge nozzle
 Both 'Fuel flow divider' and 'Air bleed fuel discharge nozzle'
 None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both 'Fuel flow divider' and 'Air bleed fuel discharge nozzle'

4) Fuel injection assembly has?

- Air flow section
 Fuel metering section
 Regulator section
 All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these

5) In Air flow section of the fuel injection assembly?

- Movement of throttle valve varies the fuel flow through the engine
 Movement of throttle valve varies the Air flow through the engine
 Movement of throttle valve varies the fuel flow rate through the engine
 None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Movement of throttle valve varies the Air flow through the engine

6) In the regulator section of the fuel injection assembly, the differential pressure across the fuel diaphragm is called?

- Air metering force
 Air viscous force
 Both 'Air metering force' and 'Air viscous force'
 Fuel metering force

No, the answer is incorrect.

Score: 0

Accepted Answers:

Fuel metering force

7) Fuel metering system has?

- Air flow section
 Air control valve
 Inlet air strainer
 Idle valve

No, the answer is incorrect.

Score: 0

Accepted Answers:

Idle valve

8) Fuel discharge nozzles have?

- Un-Calibrated jet in Convergent section
 Calibrated jet in Convergent section
 Calibrated jet in Divergent section
 Un-Calibrated jet in Divergent section

No, the answer is incorrect.

Score: 0

Accepted Answers:

Calibrated jet in Convergent section

9) Fuel injector maintenance is limited to?

- Idle speed
 Maximum speed
 Both 'Idle speed' and 'Maximum' speed is possible
 Minimum speed

No, the answer is incorrect.

Score: 0

Accepted Answers:

Idle speed

10) Lowest component in fuel system should be?

- Carburetor
 Accumulator
 Gascolator
 None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Gascolator

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