

## Unit 5 - WEEK 04

Register for Certification exam

## Course outline

How to access the portal

WEEK 01

WEEK 02

WEEK 03

WEEK 04

- Lecture 11: Cooling System
- Lecture 12 : Exhaust System

- Lecture 13 : Cooling and Exhaust System (Lab Session)

- Quiz : Assignment 04

- Assignment 04 Solution

- Aircraft Maintenance (Engines) : Feedback For Week 4

WEEK 05

WEEK 06

WEEK 07

WEEK 08

## Assignment 04

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

Due on 2019-03-27, 23:59 IST

1) Excessive heat is undesirable in any internal combustion engine because

- It affects the behavior of the combustion of the fuel/ air charge
- It weakens and shortens the life of engine parts.
- It impairs lubrication.
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these

2) Knocking can cause

- (1) Overheating of Spark-plug points
- (2) Erosion of combustion chamber

- Only (1)
- Only (2)
- Both (1) & (2)
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both (1) &amp; (2)

3) Knocking can be avoided by using

- Gasoline with high octane number
- Gasoline with low octane number
- Gasoline with zero octane number
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Gasoline with high octane number

4) Compression ratio in an internal combustion engine is defined as

- degree to which the fuel mixture is expanded
- degree to which the fuel mixture is compressed
- fuel mixture ratio is 1
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

degree to which the fuel mixture is compressed

5) The most common means of controlling cooling is use of

- fowler flaps
- cowl flaps
- slotted flaps
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

cowl flaps

6) What is the purpose of a slip joint in an exhaust collector

- aids in alignment and absorbs expansion
- increase efficiency of combustion
- removes toxic gases
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

aids in alignment and absorbs expansion

7) What type of exhaust system is used on turbocharged engines

- the collector system
- short stack
- muffler
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

the collector system

8) what kind of material is normally used to make the muffler shrouds found in the exhaust system

- aluminum
- stainless steel
- nickel-chromium
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

stainless steel

9) what could result if the internal baffles or diffusers in an exhaust system fail?

- (1) Exhaust gases could be restricted
- (2) Resulting in engine loss

- Only (1)
- Only (2)
- Both (1) & (2)
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both (1) &amp; (2)

10) What is an indication of exhaust gas leak

- Flat gray or sooty black deposit in area of leak
- more smoke
- more fuel consumption
- none of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Flat gray or sooty black deposit in area of leak

Previous Page

End