Question 1

The entropy change for any solid, liquid, or gas is dependent only on temperature.

Selected Answer: False

Question 2

What is an isentropic process?

Selected Answer: A process in which there is no change in entropy.

Question 3

There is no temperature change for ideal gases that are undergoing isentropic processes.

Selected Answer: False

Question 4

The area under the process curve in a T-s diagram represents the amount of heat transfer for any process.

Selected Answer: False

Question 5

The temperature increases from T1 to T2 for a process. When assuming a constant specific heat for engineering calculation, at which temperature is the value of the specific heat used?

Selected Answer: Mean value of T1 and T2

Question 1

The specific entropies of liquids are considered to be independent of pressure.

Selected Answer: True

Question 2

Which of the following statements is false?

Selected Answer: Similar to energy, entropy must always be conserved.

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Question 4

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Response Feedback: The area under a process curve in the T-s diagram represents the amount of heat transferred for a reversible process only.

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Status	Completed
Attempt Score	5 out of 5 points
Time Elapsed	1 minute out of 15 minutes
Results Displayed	Submitted Answers, Feedback

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Friday, August 27, 2021 7:31:02 PM SGT

← OK

Results Displayed Submitted Answers, Feedback

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Friday, August 27, 2021 7:35:39 PM SGT