

Name..... Code..... Date.....

Quiz 02

Basic Thermodynamic Questions:

Answer these Questions

1. What is thermodynamic-
2. Law of Thermodynamics?
3. Classify or define types of Thermodynamic System?
4. Explain...The Factors that take place out of the system and those that impact the system's behavior are referred to as a surrounding.
 - Adiabatic Process –
 - Isochoric Process –
 - Isobaric Process –
 - Isothermal Process –
 - Isentropic –
5. State true or false: Thermodynamic potentials are quantitative measures of the external energies associated with the system.
Please define it correctly....
6. Differentiate between point function and path function.

7. Name and explain the two types of properties.

Intensive Property:

Extensive Property:

8. Explain homogeneous and heterogeneous system.

9. Indicate the practical application of steady flow energy equation.

10. Define cycle.--> Explain Equilibrium

- Mechanical equilibrium. --

- Chemical equilibrium.--

- Thermal equilibrium.--

12. Example of cycle...

13. What are the limitations of first law of thermodynamics to second law of thermodynamics?