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Propulsion-II

Important 2mark questions

Unit I

1. Define Specific impulse.
2. What is the need of isolator in the scramjet engine?
3. What is the need for supersonic combustion?

Unit II

1. Define mixture ratio. State its importance.
2. What is meant by internal ballistics properties?
3. What are the assumptions made for the analysis of ideal ramjet engine?

Unit III

1. State the limitations of hybrid rockets.
2. What is meant by choking in flow through nozzle?
3. What is meant by three-dimensional burning?

Unit IV

1. Name some propellants for reverses hybrid rocket.
2. Define thrust coefficient.
3. Define characteristic velocity

Unit V

1. What do you mean by temperature sensitivity of solid propellants?
2. What is nozzleless propulsion?
3. What is meant by space charged density?