

Question:

Physics

A rocket works on the principle of conservation of

- 1 Mass
- 2 Energy
- 3 Linear momentum
- 4 Linear acceleration

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Concept:**Rocket Principles:**

A **rocket** in its simplest form is a chamber enclosing a gas under pressure. A small opening at one end of the chamber allows the gas to escape, and in doing so provides a thrust that propels the rocket in the opposite direction. A good example of this is a balloon.

Rocket works on the principle of *conservation of Linear momentum* . **Rocket** ejaculates gases in backward direction which creates momentum of the gases backwards and thus by conservation of momentum, the **rocket** gets momentum in the forward direction making it move forward.

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* Some Hindi Fonts are not rendered properly.

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