



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the formula for the reaction at a support of a simply supported beam with a uniform load?

- A. $WL/2$
- B. $WL/4$
- C. W
- D. 0

Solution: The reaction at each support of a simply supported beam with a uniform load (W) is given by $R = WL/2$.

Q2. For a simply supported beam with a length L and a point load P at a distance a from the left support, what is the reaction at the left support?

- A. $P(L-a)/L$
- B. $P/2$
- C. Pa/L
- D. $P(L+a)/L$

Solution: The reaction at the left support (R_A) is given by $R_A = P(L-a)/L$.



