

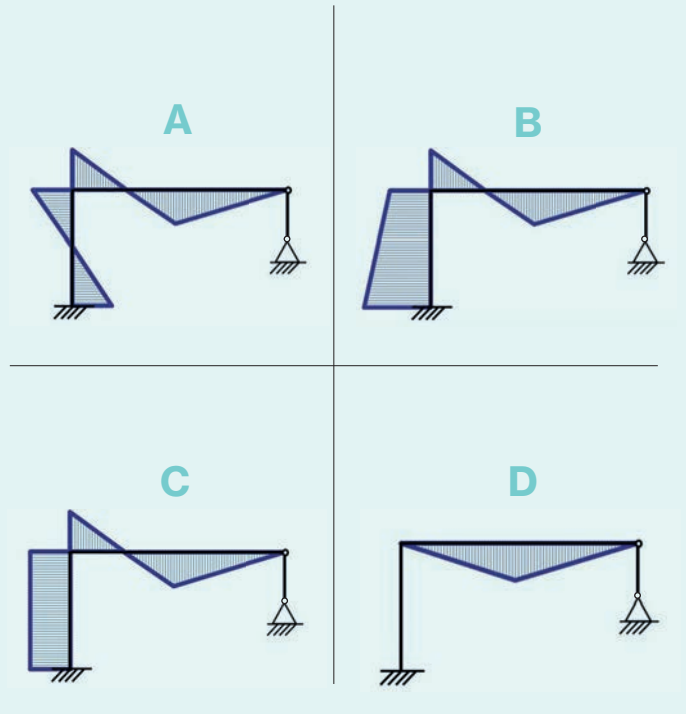
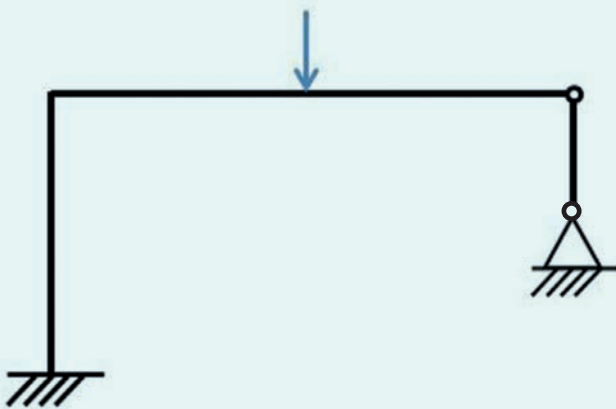
And finally...

The place to test your knowledge and problem-solving ability. If you would like to submit a quiz or problem, contact tse@istructe.org

This month we return to the Institution's Structural Behaviour Course, with a question considering bending moment diagrams for a portal frame. The answer can be found on page 46.

Question

Choose the correct bending moment diagram. Ignore self-weight. The bending moment should be drawn on the tension side.



The Structural Behaviour Course is available at www.istructe.org/resources-centre/structural-behaviour. Access is free to Student Members of the Institution, as well as members of its Academic Community. For other members of the Institution, access costs £5 + VAT for one year.

The Drawing Board

TheStructuralEngineer
The flagship publication of The Institution of Structural Engineers

Don't forget to enter a sketch in the next competition! Deadline 30 September.

The Drawing Board is *The Structural Engineer's* quarterly sketching competition, judged by Ron Slade FStructE of WSP | Parsons Brinckerhoff.

Sketches must be:

- hand drawn (no CAD, except for 'guided freehand')
- from a real project (i.e. not drawn for the competition)
- at a suitable scale for publication (i.e. not too intricate/detailed).

Please also submit a short description (150 words) to put the sketch into context.

To take part, submit your entries to: tse@istructe.org

Each published entry will receive a free single e-book from the Institution's current list of titles.

Background sketch by Kevin Lyons (Lyons O'Neill)