Assignment 9

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-04-01, 23:59 IST.

1. Select the repair procedure that can be considered as an active strengthening of existing structural members
   - Post-tensioned CFRP sheets
   - Concrete core drilling
   - Pre-stressing cables
   - Post-tensioned CFRP sheets

   2 points

2. Four side jacking of concrete beam with additional reinforcement
   - Small expansion joints
   - Large expansion joints
   - Poor quality concrete
   - All of the above

   2 points

3. The design of reinforced concrete beam is undertaken to prevent:
   - Shear failure
   - Torsion failure
   - Flexural failure
   - All of the above

   1 point

4. Flexural cracks can occur at:
   - The top of slab
   - The bottom of slab
   - The top of beam
   - The bottom of beam

   No, the answer is incorrect.

5. The design of reinforced concrete columns is undertaken to prevent:
   - Shear failure
   - Torsion failure
   - Flexural failure
   - All of the above

   2 points

6. Flexural cracks can occur at:
   - The top of slab
   - The bottom of slab
   - The top of beam
   - The bottom of beam

   1 point

7. The design of reinforced concrete columns is undertaken to prevent:
   - Shear failure
   - Torsion failure
   - Flexural failure
   - All of the above

   2 points

8. Flexural cracks can occur at:
   - The top of slab
   - The bottom of slab
   - The top of beam
   - The bottom of beam

   No, the answer is incorrect.

9. The design of reinforced concrete beams is undertaken to prevent:
   - Shear failure
   - Torsion failure
   - Flexural failure
   - All of the above

   2 points

10. Flexural cracks can occur at:
    - The top of slab
    - The bottom of slab
    - The top of beam
    - The bottom of beam

    No, the answer is incorrect.