

CONTINUOUS ASSESSMENT TEST

1. What is a response spectrum?
2. Differentiate between a bunker and a silo.
3. Why are side face reinforcements and why are they extremely important in deep beams;
4. a. With a neat diagram, explain what is a corbel?

b. Explain the strut and tie method of analysis for a corbel, with the equation of lever arm
5. What is a bracket? Where it is used?
6. Define the term earthquake. How Are Earthquake Magnitudes Measured?
7. What is a Fourier spectrum
8. What is a fault? What are different types of faults
9. Explain the concept and practical application of lumped mass model of multi-storeyed building
10. Explain the principle of base isolation of building.
11. Explain in detail the concept of capacity design.
12. Discuss the principles and applications of Tuned Mass Dampers.