

[Total No. of Questions: 3]
Class Roll No.....

[Total No. of printed pages: 1]
Enrollment No.....

LNCT University
2nd MID-SEM EXAMINATION [JUNE-2024]
CEM [CS-105]
II SEM

Time: 1 ½ Hrs.

Maximum Marks: 20

Note: Attempt all questions.

Q.1. Define and explain various engineering properties of good bricks.
CO-02 (7 Marks)

OR

What do you understand by the term "Workability of concrete"?
Define and explain how we can detect workability?

Q.2. Explain the concept of smart city.

CO-03 (7 Marks)

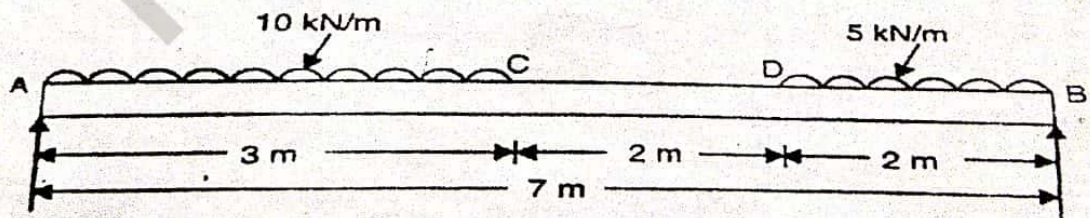
OR

What is remote sensing? Also give the Application of remote sensing in Civil engineering.

Q. 3. Explain Moment of Inertia (M.I.)? State perpendicular axis theorem and parallel axis theorem.
CO-05 (6 Marks)

OR

Draw the S.F and B.M diagram of simply supported beam of length 7 m carrying uniformly distributed load as shown in Fig.



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