

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY (VSSUT), ODISHA
Even Mid Semester Examination for Academic Session 2023-24

COURSE NAME: **B.Tech**

SEMESTER: 2nd

BRANCH NAME: All branches, Sec (D, E, F, G, H, I, J)

SUBJECT NAME: Basic Civil Engineering

FULL MARKS: **30**

TIME: **90 Minutes**

Answer All Questions.

The figures in the right-hand margin indicate Marks. *Symbols carry usual meaning.*

- Q1. Answer all Questions. [2 × 3]
- a) Define foundation? - CO1
 - b) Differentiate between Plain cement concrete and Reinforced cement concrete - CO2
 - c) Mention the different modes of transport? - CO3

- Q2. [8]
- Describe the different components of building along with its neat sketches. - CO1

OR

Explain the different types of buildings as per NBC India. - CO1

- Q3. [8]
- Explain the physical properties of construction materials. - CO2

OR

Define cement. Mention the types of cement and its uses. - CO2

- Q4. [8]
- Describe the Road transport along with its advantages and disadvantages. - CO3

OR

Describe the Water and Air mode of transport. - CO3