

**SUBJECT: BASIC CIVIL ENGG. AND ENGG.MECHANICS**

**SUBJECT CODE: BT204**

**TUTORIAL-1**

**UNIT 1: Building Materials & Construction**

Q1. Define foundation. Explain, with sketches, various types of foundations.

Q2. What are the good qualities of brick? Explain the tests on brick?

Q3. Write the principles to be adopted while construction of brick masonry.

Q4. What are the requirements of good quality stone ?

Q5. What are the different types of stairs? With neat freehand sketch, Explain in brief.

Q6. Explain the different types of cement.

Q7. What do you understand by the term "Workability"? Explain briefly the factors that affect the workability of concrete.

Q8. What is Curing? Explain the methods of curing.

Q9. Write a short note on i) Plastering and Pointing ii) Elements of building Construction.