



REGISTRATION NUMBER

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## SRINIX COLLEGE OF ENGINEERING

2<sup>nd</sup> INTERNAL EXAMINATION-2018-19

Subject- CT

Semester-3<sup>RD</sup>

Branch-CIVIL

Full Mark-50

Time-2.00 Hrs

**ANSWER ALL QUESTIONS (PART-A)**

**[2X10=20]**

1. What are the requirements of an ideal roof?
2. Define the following terms used in roofing  
a) Span b) Rise c) Purlin d) Ridge
3. What are the different types of materials used for roofing?
4. State the objectives of plastering?
5. Define pointing?
6. What are the needs of mechanized construction?
7. Classify different types of pumps used in construction works.
8. Write the basic features of non tilting type mixers.
9. Write the application of hoe.
10. How to improve the output of shovel?

**ANSWER ANY THREE QUESTIONS (PART-B)**

**[6X3=18]**

1. What are the requirements of plastering and describe the method of preparation of cement plastering?
2. Describe different types of construction defects in painting and plastering.
3. Write down the difference between crawler tractor and wheel tractor.
4. What are the causes and effects of dampness in a structural building?

**ANSWER ANY ONE QUESTION (PART-C)**

**[12X1=12]**

1. Enumerate the difference between pre cast and cast-in-situ concrete roof. Also write down the advantages and disadvantages of flat roof.
2. What is roller and what is its working principle? Describe different types of rollers used in construction works.