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SRINIX COLLEGE OF ENGINEERING

1st INTERNAL EXAMINATION-2018-19

Subject- **CONSTRUCTION TECHNOLOGY** Semester-**3RD**

Branch-**CIVIL**

Full Marks-**50**

Time-**2.00 Hrs**

ANSWER ALL QUESTIONS (PART-A)

[2×5=10]

1. Define concrete?
2. QC Means _____?
3. The period by which the activity may be delayed from its early start without delaying the project complete date is _____?
4. Daily crashing cost is the ratio between _____?
5. Write the height of a slump cone used for slump test?
 - a. 300mm
 - b. 500mm
 - c. 400mm
 - d. 200mm

ANSWER ALL QUESTIONS (PART-B)

[2X10=20]

1. What is QA?
2. What is Development of construction on Equipment?
3. Write the name of various types of construction equipment?
4. Differentiate between false work and temporary work?
5. Write the names of various types of construction materials used for construction works?
6. What do you mean by workability?
7. What is light weight concrete and how to achieve light weight concrete?
8. What is ready mix concrete?
9. What are the advantages of curing of concrete?
10. Why water reducers are used in concrete?

ANSWER ANY TWO QUESTIONS (PART-C)

[10X2=20]

1. Why Quality and safety is required for a construction work?[10]
2. (a) What do you mean by construction Estimating? [5]
(b) Classify different types of piles? [5]
3. (a) Briefly discuss about the non destructive tests of concrete? [5]
(b) Describe the process of pile load test with neat diagram? [5]