



REGISTRATION NUMBER

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SRINIX COLLEGE OF ENGINEERING

INTERNAL EXAMINATION-2019

Sub-BCE

Semester-2ND

Branch-SEC-A

Full Mark-50

Time-2.00Hrs

ANSWER ALL QUESTIONS (PART-A)

[2X10=20]

1. What is workability?
2. What is the difference between direct and indirect ranging?
3. What the different categories of soil?
4. What are the major functions of mortar?
5. Differentiate between English and Flemish bond.
6. Mention different types of chains and tapes.
7. What do you mean by local attraction?
8. Write the different types of cement.
9. Convert WCB to RB
 $45^{\circ}30'$, $222^{\circ}15'$, N $45^{\circ}30'$ E, S $45^{\circ}30'$ E
10. The MB of the line is $320^{\circ}30'$ with $3^{\circ}30'$ W. Find the bearing of the line.

ANSWER ANY THREE QUESTIONS (PART-B)

[6X3=18]

1. Mention the qualities of a good brick.
2. Describe the different types of tests for cement.

3. The followings are the bearings observed in traverse with a compass. An area where local attraction were suspected. Find the correct bearing of the line.

Line	FB	BB
AB	191°45'	13°00'
BC	39°30'	222°30'
CD	22°15'	200°30'
DE	242°45'	62°45'
EA	330°15'	147°45'

4. Calculate the interior angle

SIDE	FB
AB	150°15'
BC	20°30'
CD	295°45'
DE	218°00'
EA	120°30'

ANSWER ANY ONE QUESTION (PART-C)

[12X1=12]

1. What is foundation? Describe different types of foundation with neat sketches.
2. Describe the different branches of civil engineering. How it is useful for society?

*****ALL THE BEST*****