



REGISTRATION NUMBER

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SRINIX COLLEGE OF ENGINEERING

2ND INTERNAL EXAMINATION-2021-22

Sub-ECPP

Semester-7TH

Branch-CE

Full Mark-60

Time-2.00Hrs

ANSWER ALL QUESTIONS (PART-A)

[2X10=20]

1. What is the unit of payment for fixing of glass of panels?.
2. What do you mean by analysis of rate?
3. What is the weight of 1 cum mild steel?
4. What is the unit of plastering and pointing?
5. What is the unit of payment for blastering of rock?
6. What do you mean by lump-sum?
7. What is tender?
8. What is contract?
9. What is PERT&CPM?
10. What is difference between carpet area and floor area?

ANSWER ANY FOUR QUESTIONS (PART-B)

[5X4=20]

1. What do you mean by PERT and CPM?
2. Distinguish between Pert &cpm?
3. What is the formula finding out the weight of different bars?
4. State the factors affecting rate anailysis?
5. What is three estimations in a PERT?

ANSWER ANY TWO QUESTIONS (PART-C)**[10X2=20]**

1. Estimate the following quantities of a culvert as shown in fig.1

- a. Earth work excavation
- b. Cement concrete 1:3:6
- c. 1st class brick work in 1:4
- d. RCC work 1:2:4 in slab

2. Three time estimates (T_0 , T_1 , T_p) of each activity of a project are given below.

ACTIVITY	T_0	T_1	T_p
1-2	2	5	14
1-3	3	12	21
2-4	5	14	17
3-4	2	5	8
4-5	1	4	7
3-5	6	15	30

- a. Draw the Network diagram.
 - b. Find the expected duration and variance of each activity
 - c. Calculate early and late occurrence times for each event
 - d. Determine the expected project duration.
 - e. Find the variance and standard deviation of the entire project.
3. Define general classifications for 1st class building.