JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

Test- 2 Examination April 2018

M.Tech (IInd Semester)

Course Code: 101M11CE213   Max. Marks: 25

Course Name: Construction Cost Analysis   Max. Time: 1.5 Hr.

Course Credit: 03

Note: Attempt All the Questions.

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1. What do you understand by life cycle cost analysis? Why is it required? Explain different stages of LCCA.   (8)

2. (a) Explain the conceptual cost estimation technique in detail. Explain different steps involved in conceptual cost estimation.   (5)

   (b) Use the weighted unit cost to determine the conceptual cost estimate for a proposed parking that is to contain 135 parked cars. Previous projects data are given in Table 1.   (6)

Table 1. Previous project cost data

Project No.	Cost (LE)	No. of Cars
1	466,580	150
2	290,304	80
3	525,096	120
4	349,920	90
5	259,290	60
6	657,206	220
7	291,718	70
8	711,414	180

3. Make a comparison between contractor and engineer estimation. Explain different types of estimate also. Also explain different factors which affect the estimation process.   (6)