



GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

(An Autonomous Institute of Government of Maharashtra)

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Name of Examination : **Winter 2020** - (Preview)

Course Code & Course Name : **CE306U - Construction Management**

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Maximum Marks : **60**

Duration : **3 Hrs**

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View Answer Key

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Answer Key Submission Type: Marking scheme without solution

Instructions:

1. All questions are compulsory. In all Questions, sub Q.a) is compulsory & attempt any one sub Q. out of b) and c)
2. Illustrate your answer with suitable figures/sketches wherever necessary.
3. Assume suitable additional data; if required.
4. Use of logarithmic table, drawing instruments and non programmable calculators is allowed.
5. Figures to the right indicate full marks.

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|--|------|
| 1) a) Differentiate between Line -Staff and Functional organisation? | [10] |
| b) Explain Job Layout with sketch ? | [5] |
| c) Describe construction team and their role? | [5] |
| 2) a) What are the three time estimates in PERT analysis, Explain? | [10] |
| b) In CPM network, explain the importance of computing Float values and Critical Path? | [5] |
| c) What do you understand by BOQ Techniques? | [5] |
| 3) a) What are the Pile driving equipment, Explain any one with Sketch? | [10] |
| b) Explain any one equipment used for earthwork? | [5] |
| c) What do you understand by Inventory Control? | [5] |
| 4) a) What are the types of Contract, Explain any one ? | [10] |
| b) What is 'Defect Liability Period' Explain ? | [5] |
| c) What are the common contract clauses, Explain any one ? | [5] |

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