


**GOVERNMENT COLLEGE OF ENGINEERING, JALGAON**

(An Autonomous Institute of Government of Maharashtra)

National Highway No.6, JALGAON – 425 002

Phone No.: 0257-2281522

Website : www.gcoe.ac.in

Fax No.: 0257-2281319

E-mail : princoe@rediffmail.com


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

 Course Code & Course Name : **CE403 - Construction Safety and Disaster Management**

 Generated At : **19-04-2022 10:30:37**

 Maximum Marks : **30**

 Duration : **2 Hrs**
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**Answer Key Submission Type:** Marking scheme without solution

Instructions:

1. All questions are compulsory. In all Q. sub Q. a) is compulsory. Attempt any one sub Q. out of sub Q. 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) Explain the duties and responsibilities of construction site manager in safety management. | [6] |
| b) Describe the responsibilities of safety committee   | [2] |
| c) Write brief note on "Safety Manuals".   | [2] |
| 2) a) Describe what safety measures are to be adopted on work site while using Scaffolding.      | [6] |
| b) Enumerate the important safety measures while dismantling old building.                       | [2] |
| c) Enlist the remedies to prevent accidents on construction site.                                | [2] |
| 3) a) What are the labour laws applicable in construction industry, explain any one.             | [5] |
| b) Explain in brief about "Safety Training".   | [2] |
| c) Write brief note on "Safety Policies"   | [2] |
| 4) a) Give administrative setup of Disaster Management.  | [4] |
| b) What do you understand by "Risk Management"   | [3] |
| c) Describe the causes of forest fire and its remedial measures.                                 | [3] |

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