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200937

DIPLOMA
Piping Technology
Subject: Water Supply System
Subject Code: CE506
Semester: Second
September 2020
Theory (External): 35 Marks
Time: 03 hours

INSTRUCTIONS TO THE STUDENTS

1. Read the questions carefully and write the answers in the answer sheets.
2. Wherever necessary, the diagram drawn should be neat and properly labelled.
3. This questions paper comprises of 8 questions out of which student need to attempt any 4 questions.
4. All questions carry equal marks.
5. The time allotted will be 3 hours for examinations including time of downloading of question paper to emailing of answer books to the concerned Dean/IC.

ESSAY TYPE QUESTIONS

1. Explain the different types of pipes and their applications in manufacturing industries.
2. Explain the working and function of relief valves with neat diagram and applications.
3. Describe the purpose and working of bib cocks with suitable applications.
4. Explain the methods of layout of distribution pipes with suitable example.
5. Explain the working of Intermittent and continuous service reservoirs with neat diagram and applications.
6. Explain the steps required for Maintenance of distribution system with suitable example.
7. Discuss the methods for Testing of pipe lines with suitable example.
8. Explain the working of water supply fixtures, its terminology related to plumbing with suitable examples.

*******END OF PAPER*******