

V30/BID201/EE/20160518

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Explain and illustrate any two types of wells. 5
 - b) Explain and illustrate Traditional dogmatic water heater. 5
 - c) State any three elements of land scraping. 5
 - d) Explain terms sound and sound Velocity. 5
 - e) Explain and illustrate Alarm Systems. 5

2. Solve any **four** sub-questions.
 - a) Explain intermittent water supply system. 5
 - b) Discuss types of plant used in landscape. 5
 - c) Explain types of fire. 5
 - d) Explain and illustrate bath tubs. 5
 - e) Explain any two types of water tanks. 5

3. Solve any **four** sub-questions.
 - a) What do you mean by overhead pumped water distribution system? 5
 - b) Explain with neat sketch rain water harvesting method. 5
 - c) What do you mean by Sound insulation and sound absorption? 5
 - d) Explain the Fire pumps. 5
 - e) Explain and illustrate various types of containers used for terrace garden. 5

4. Solve any **four** sub-questions.
- a) Discuss plant care. 5
 - b) What are boilers? 5
 - c) What are types of noise and its effects? 5
 - d) Explain and illustrate fire detection and alarm system. 5
 - e) What is hydroponics? 5

