

V18/DFS204/EE/20160520

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) What are the uses of water, stored in storage tanks? 5
 - b) Explain general and preventive maintenance of building. 5
 - c) What are the different types of industrial hazards? 5
 - d) What is audit? What are the difference types safety audits? 5
 - e) What is the difference between Bid and Tender? 5

2. Solve any **four** sub-questions.
 - a) What are the factors influencing building maintenance? 5
 - b) What are the causes of building maintenance failure? 5
 - c) What are the processes in drinking water treatment? 5
 - d) What factors should be considered in selection of pipe? 5
 - e) What is block diagram? 5

3. Solve any **four** sub-questions.
 - a) Explain co-axial wire. 5
 - b) What is window air conditioner? 5
 - c) What are the types of smoke detectors. 5
 - d) Define labour productivity. 5
 - e) What are the factors affecting job site productivity? 5

4. Solve any **four** sub-questions.
- a) What are the principle causes of disasters? 5
 - b) How do you save your building from natural hazards? 5
 - c) Explain the term composting. 5
 - d) Write down various components of an automatic fire sprinkler system. 5
 - e) Define pH. Draw pH scale. What is the pH of pure water? 5

