

## V17/DFS104/EE/20160520

Time : 3 Hours

Marks : 80

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### 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 is preventive maintenance? 5
  - b) What are the different activities of building maintenance? 5
  - c) What are the applications of job description? 5
  - d) Write the names of electrical hand tools. 5
  - e) Define : 5
    - i) Direct current
    - ii) Alternating current
2. Solve any **four** sub-questions.
  - a) Write down the applications of Carpentry. 5
  - b) Explain Gully trap. 5
  - c) A light bulb with a resistance of 2ohm is connected to a 1.5 volt battery. What is the current? 5
  - d) Explain Earthing system. 5
  - e) What is toilet maintenance? 5

3. Solve any **four** sub-questions.
- a) Why first aid is important? 5
  - b) What are the units of following electrical parameters. 5
    - i) Voltage
    - ii) Current
    - iii) Frequency
    - iv) Power
  - c) What is resistor? 5
  - d) Explain Toggle switch. 5
  - e) Write down the different types of electric circuit. 5
4. Solve any **four** sub-questions.
- a) What is pipe snake? 5
  - b) What are the different types of tools used in Carpentry operations? 5
  - c) Explain Garbage Disposal. 5
  - d) Write down the names of different types of fixtures. 5
  - e) State and explain ohm's law. 5

