

## P97/FHS103/EE/20160513

Time : 3 Hours

Marks : 80

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### Instructions :

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 types of hose? Explain suction hose. 5
  - b) Define hose - fittings and write its types. 5
  - c) Write the specification for fireman axe. 5
  - d) What do you know about Distress signal unit? 5
  - e) Write Care and Maintenance of extension ladder. 5
  
2. Solve any **four** sub-questions.
  - a) Define Foam. Describe different types of foam. 5
  - b) Write general Care and Maintenance of small gears. 5
  - c) List out different types of knots used in fire service. 5
  - d) Write a short note on Turn Table Ladder. 5
  - e) Carry out donning procedure of SCBA. 5

3. Solve any **four** sub-questions.
- a) Draw diagram of DCP (Gas Cartridge type) extinguisher and label its parts. 5
  - b) What are the types of breechings? Explain. 5
  - c) Explain standard testing procedure of delivery hose. 5
  - d) What do you understand by rescue gears? Explain different rescue gears. 5
  - e) What do you know about first floor ladder? 5
4. Solve any **four** sub-questions.
- a) Explain Construction Procedure of Rope. 5
  - b) Write different types of foam making equipment. Explain any one. 5
  - c) Describe string test associated with extension ladder. 5
  - d) Explain monthly inspection of water CO<sub>2</sub> extinguisher. 5
  - e) Write a short note on Soft Suction hose. 5

