

P73/FSM105/EE/20160523

Time : 3 Hours

Marks : 80

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) Write the characteristics of LPG Gas. 5
 - b) Explain toxicity effects of petroleum. 5
 - c) Write the classification of petroleum products. 5
 - d) Write the main causes of forest fire. 5
 - e) Write the nature and hazards of LPG. 5
2. Solve any **four** sub-questions.
 - a) Write the differences between Dust Fire and Gas Fire? 5
 - b) Write the method applied in tackling dust fire. 5
 - c) Write the precaution to be taken in tackling the metals. 5
 - d) What are positively and negatively charged particles? 5
 - e) Discuss the behavior of plastic fire. 5

3. Solve any **four** sub-questions.
- a) Differentiate between thermoplastic and thermo-setting plastic. 5
 - b) Write the fire fighting procedure in rural fire. 5
 - c) Explain fire fighter procedure and technique adopted in case of Explosive Fires. 5
 - d) What do you understand by Counter Fire? 5
 - e) Discuss the remedial measures to be taken in case of rural fire. 5
4. Solve any **four** sub-questions.
- a) Describe the methods of Extinguish gas fire. 5
 - b) Write the characteristics of Gamma Rays. 5
 - c) How do you Extinguish Shipboard fire? 5
 - d) Write the Emergency procedure and methods used in aircraft. 5
 - e) Define an aircraft and suggest the first Aid fire fighting arrangement in an aircraft. 5

