

P97/FHS203/EE/20160514

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) What do you understand by Fusing and Identification of electrical circuit? 5
 - b) Explain stand by power arrangements for communication and call out system. 5
 - c) Describe appliances Turn out indicator lights. 5
 - d) Describe priority signaling facilities. 5
 - e) Explain Firemen's call bell system. 5

2. Solve any **four** sub-questions.
 - a) What are the requirement of control room? 5
 - b) What are the different types of Hazard associated with radio equipment in flammable atmosphere? 5
 - c) Write note on Figaro personal set. 5
 - d) Describe operating position of centralized problem. 5
 - e) Explain use of Teleprinter in fire service. 5

3. Solve any **four** sub-questions.
- a) What are the different call out system used in Fire Service? Explain one of them. 5
 - b) Define ringout point. 5
 - c) Write the purpose of alternative lighting used in fire service. 5
 - d) Describe Private Telephone Circuit. 5
 - e) Describe Single frequency, Simplex Type radio scheme. 5
4. Solve any **four** sub-questions.
- a) Write characteristic of different frequency band in radio and wireless communication. 5
 - b) What are the methods of controlling call out system? Explain one of them. 5
 - c) Write duties and responsibilities of fire station ground incharge. 5
 - d) Describe Private Telephone Circuit used in Fire Services. 5
 - e) Explain Call handling procedure. 5

