

P38/HSC252/EE/20160519

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) Discuss Indian patent Act 1970. 5
 - b) Explain selection, usage and maintenances of personal protective equipment. 5
 - c) Discuss various drug control agencies of different countries. 5
 - d) Discuss chemical hazards and chemical safety. 5
 - e) Write short note on First aid. 5
2. Solve any **four** sub-questions.
 - a) Discuss drug master file as per IDA guidelines. 5
 - b) Define patent. Discuss benefits and criteria for file patent. 5
 - c) Discuss hazards in work place. 5
 - d) Explain the factories Act 1948. 5
 - e) Discuss on-site and off-site emergency management. 5

3. Solve any **four** sub-questions.
- a) Discuss different EHS management systems. 5
 - b) Explain Heinrich theory of accident prevention. 5
 - c) Discuss electrical safety. 5
 - d) Explain elements of process safety management. 5
 - e) Discuss general safety rules for fire and accident. 5
4. Solve any **four** sub-questions.
- a) Discuss accident reporting and investigations. 5
 - b) Write short note on permit to work system. 5
 - c) Discuss fire safety. 5
 - d) Discuss importance of industrial hygiene. 5
 - e) Write short note on Industrial safety and its significance. 5

