



RF-014-003909

Seat No. _____

M.P.M. (Sem. IX) Examination

February - 2019

Topics Relevant to Drugs Pharmaceutical Industry

Faculty Code : 014

Subject Code : 003909

Time : 3 Hours]

[Total Marks : 80

Instructions :

1. Answer any **three** from each section except question 1 and 5 are compulsory.
2. Figures to right indicate marks.
3. Draw neat and clean diagram where required.

SECTION – 1

1 Answer any **seven** out of given **10** questions : **2×7=14**

1. What is Pharmaceutical Plant Layout ?
2. Name hazard categories in Pharmaceutical Industry.
3. Define Industry Site.
4. Define Chemical Park.
5. Define Waste Management.
6. Is record management needed ? Why ?
7. What is Chemical Synthesis ?
8. Explain Drug Store Management.
9. Define Waste segregation.
10. What is Pharmaceutical Pollution ?

2 Answer the Following :

- A. Explain Disaster Management Act,2005. **7**
- B. What are Environmental Consequences of Pharmaceutical Contamination. **6**

- 3 Answer the Following :
- A. Explain Sources of Hazards in Pharmaceutical Industry. 7
 - B. If you are Manager of a Pharmaceutical Company – What steps will you take to reduce the pollution ? 6
- 4 Answer the Following :
- A. Write Short Note on Waste Management. 7
 - B. Explain Some Relevant rules applicable in Hazards in Pharmaceutical Industry. 6

Section – 2

- 5 Answer any **two** out of **three** : 7×2=14
- 1. Write short note on Effects of pharmaceutical environment on Human health.
 - 2. Write short note on Record Retention.
 - 3. Explain what type of waste is Dumped by Pharmaceutical Industries ?
- 6 Answer the Following :
- A. Explain in detail features of Good pharmaceutical plant layout. 7
 - B. Explain Documentation and regulatory bookkeeping. 6
- 7 Answer the Following :
- A. Explain Bhopal Gas Tragedy. 7
 - B. Write short note on Record Management ? 6
- 8 Answer the Following :
- A. Explain Pollution and Pollution Control in a Pharmaceutical Industry. 7
 - B. What does Future look like of Pharmaceutical Pollution ? 6