



Pharmaceutical Manufacturing Technology -II

Q.P. CODE: 5164

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any Three)

3 X 10 = 30 Marks

1. Explain factors influencing in plant location of legal requirements for Pharmaceutical industry.
2. Explain process automation with respect to small and large volume parenterals in manufacturing.
3. Discuss in detail the advancements in film coating and sugar coating for tablets.
4. Explain in detail the stability aspects and evaluation of stability of packaging materials.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Explain briefly on dispatching of records and production control.
6. Write a note on Form Fill Seal Technology (FFS).
7. Explain the concept of QTPP, CQA and CPP.
8. Explain briefly about granulation and pelletization equipments.
9. Write a note on QbD for drug substances and drug products.
10. Give a brief account on flexible packaging.
11. Outline the flow chart for manufacturing of hard gelatin capsule.
12. Write a note on air and personnel control in sterile preparation area.
13. Write a note on standards and regulatory requirements in QbD.
14. Write a note on transit worthiness of package.

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