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ADVANCED INDUSTRIAL PHARMACY

(Revised Scheme 2)

Q.P. CODE: 9302

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any TWO)

[Time: 3 Hours]

- Discuss the various pre-formulation parameters required to be, studied for developing a desired 1. pharmaceutical product.
- Discuss the Good Manufacturing Practice requirements for processing injections by aseptic 2. processing method.
- 3. Discuss the various inventory management techniques used in pharmaceutical industries. Explain the economic order quantity (EOQ) in optimum inventory management.

SHORT ESSAY (Answer any FIVE)

- 4. Discuss the equipments required for scaling up of tablet dosage forms.
- 5. Discuss the techniques used in forecasting market demand.
- 6. Write on importance of ISO 9000 series certification.
- 7. Write a note on fire prevention and control system for adoption in pharmaceutical industries.
- 8. What are the various solubilisation techniques used to increase solubility of poorly soluble drugs?
- 9. Narrate the sequence of events that led the ways for amending the Indian Patent Act to give provision for product patent.

SHORT NOTES

- What are the various materials handling systems used in pharmaceutical industries? 10.
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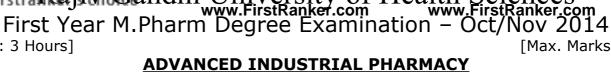


2 X 20 = 40 Marks

5 X 10 = 50 Marks

2 X 5 = 10 Marks

[Max. Marks: 100]



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