

Question Paper

Exam Date & Time: 02-Dec-2019 (09:30 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal College of Pharmaceutical Sciences, Manipal
BPharm End Semester Nov-Dec 2019
Pharmaceutics-I [PCE-BP103T]

Marks: 75

Duration: 180 mins.

II Long Answers

Answer all the questions.

- 1) Explain various factors influencing transdermal permeation of drugs. (10)
- 2) Differentiate flocculated suspension and deflocculated suspension. Discuss about physical instability of emulsion. (10)

III Short Answers

Answer all the questions.

- 1) a) Define posology. b) The adult dose of a drug is 50 mg. Calculate the dose of this drug for a child applying Clark's formula. The child's height is 100 cm and body surface area is 0.83 m². (5)
- 2) Explain different parts of prescription. (5)
- 3) Convert the following: a) 3 pounds (apoth) to $\frac{3}{4}$ b) 2 ounces (avoir) to gr c) 36 μ g to mg d) 3 quarts to fl $\frac{3}{4}$ e) 5 ounces (apoth) to ounces (avoir) (5)
- 4) Describe vehicles used in liquid dosage forms. (5)
- 5) Write five advantages of suppositories in comparison with oral tablet dosage form. (5)
- 6) Define pharmaceutical incompatibilities. Describe physical incompatibilities with examples. (5)
- 7) Classify and explain gel-forming agents. (5)

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Exam Date & Time: 04-Dec-2019 (09:30 AM - 11:00 AM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Communication Skills [PMA-BP105T - S3]

Marks: 35

Duration: 90 mins.

I Long Answers

Answer all the questions.

- 1) Discuss the purpose of communication. Add a brief note on perspectives in communication. (10)

II Short Answers

Answer all the questions.

- 1) Discuss Physiological and Language barriers; how to overcome these barriers? Add a note on Evaluative Listeners. (5)
- 2) Discuss in brief different Communication Styles. Suggest one tip while communicating with the persons having each of these Communication styles. (5)
- 3) Explain salient features of formal communication. (5)
- 4) Enlist types of presentations. Differentiate between effective and ineffective presentations. (5)
- 5) What is an interview? Add a note on types of interviews. According to you which type of interview method is ideal? (5)

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