MANIPAL UNIVERSITY

MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES
END SEMESTER THEORY EXAMINATIONS- NOVEMBER 2017
PROGRAM: BPHARM SEMESTER 1
DATE: 01/12/2017
TIME: 9:30AM - 12:30PM

Pharmaceutical Analysis-I [PQA-BP102T]

Duration: 180 mins.

I Multiple Choice Questions (MCQs)

1) What is Iodometry? explain with suitable example. Explain iodate (10) titrations with suitable example.

2) Write in detail about the types of errors and any five approaches to (10) minimize these errors

III Short Answers

Answer all the questions.

1) Explain the principle for the estimation of halogen acid salts of (5) bases by non-aqueous titration with an example.

2) What are argentometric titrations? Classify its detection of end (5) point methods with example.

3) What is Gravimetric analysis? Enlist its steps and applications. (5)

4) Explain the end point detection in diazotization titration using (5) external indicator and in argentometric titration using adsorption indicator.

5) Explain the preparation and standardization of 0.1 M NaOH (5) solution

6) Explain the ionic-chromophoric theory of indicators (5)

7) a) Write the principle of complexometric titration with suitable (5) example.
b) Briefly discuss the types of complexometric titrations

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END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017
PROGRAM : BPHARM SEMESTER I
DATE : 04-12-2017
TIME : 9:30AM - 12:30PM
Human Anatomy and Physiology-I [PHA-BP101T]

Marks: 75   **Duration: 180 mins.**

II Long Answers

Answer all the questions.

1) Describe the events in cardiac cycle. Explain different waves, intervals and segments of ECG.   (10)
   (6+4)

2) With the help of a flowchart explain the process of haemopoiesis. Mention the morphological properties of RBC.   (10)

   (8+2)

III Short Answers

Answer all the questions.

1) Compare and contrast skeletal, cardiac and smooth muscle   (5)
2) Explain the process of acid secretion by parietal cells in the stomach   (5)
3) Describe the classification of epithelial tissue with example   (5)
4) Explain how an action potential occurs in SA node and ventricular contractile fiber.   (5)
5) Discuss the process of absorption of lipids in small intestine   (5)
6) Describe the functions of cell membrane proteins   (5)
7) Explain positive and negative feedback mechanism with examples   (5)

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MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES
END SEMESTER THEORY EXAMINATIONS- NOVEMBER 2017
PROGRAM: BPHARM SEMESTER 1
DATE: 06/12/2017
TIME: 9:30AM - 11:00AM
Communication Skills [PMA-BP105T]

Marks: 35   **Duration: 90 mins.**

I Long Answers

1) Enlist barriers to effective communication. Discuss psychological   (10)
   and physiological Barrier
   (2+8=10 Marks)

II Short Answers

Answer all the questions.

1) Discuss characteristics of persons having direct and spirited   (5)
   communication styles.

2) Enlist tips for developing effective listening skills. Who are   (5)
   marginal listeners?   (4+1=5 Marks)

3) Write a brief note on classification of reports.   (5)

4) Describe types of group discussion.   (5)

5) Write a note on qualities of effective presenter.   (5)

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