

PHARMACY

at Pharmacy (202) 1-800-955-5555 (202) 1-800-955-5555 (202) 1-800-955-5555

Exhibit 9-10-22

Item	Item	Item	Item	Item
1	2	3	4	5
6	7	8	9	10
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Exam Ref: 347189701

FACE DISCOVERY

at Birmingham 2023 / Semester 1 / Undergraduate / Business / Entrepreneurship / Level 1

Subject: Entrepreneurship
Date: 18/10/2023 & 1/11/2023

Time: 2 Hours

Max Marks: 15

Start answer by the questions by question no's provided. Page 01 of 04

1. a. Define the term 'entrepreneur' and describe the role of an entrepreneur in a business. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
2. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
3. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
4. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
5. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
6. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
7. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)
8. a. Define the term 'business plan' and its importance. (2 Marks)
b. Explain the term 'business plan' and its importance. (2 Marks)



Form No. 2-22 (APC)

PILLS FOR CONTRACEPTION

a) Ministry of Health and Family Welfare, Government of India
June 2017

Subject: Ministry of Health and Family Welfare

Date: 1/1/2017

No. of Pages: 10

The following are the questions for the examination:

1. a) What are the types of pills?
b) What are the advantages of pills? 20
2. a) What are the types of pills?
b) What are the advantages of pills? 20
3. a) What are the types of pills?
b) What are the advantages of pills? 20
4. a) What are the types of pills?
b) What are the advantages of pills? 20
5. a) What are the types of pills?
b) What are the advantages of pills? 20
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b) What are the advantages of pills? 20
7. a) What are the types of pills?
b) What are the advantages of pills? 20
8. a) What are the types of pills?
b) What are the advantages of pills? 20
9. a) What are the types of pills?
b) What are the advantages of pills? 20
10. a) What are the types of pills?
b) What are the advantages of pills? 20

TRILLITY OF PHARMACY

Dr. Pharmacy (Pharmaceuticals) II, Semester IV (On Study) Examination
June 2021

Subject: Computer Aided Drug Delivery System

Time: 3 Hours

Max. Marks: 75

Notes: Answer any three questions, all questions carry equal marks.

1. In the context of drug delivery, what are the two main types of drug delivery systems? Give a brief description of each.
2. Define Drug Delivery System (DDS) and its components.
3. Define drug delivery system, its types, advantages, and disadvantages.
4. In the context of drug delivery, what are the two main types of drug delivery systems?
5. What is the concept of "targeted drug delivery"? Give a brief description of its importance.
6. In the context of drug delivery, what are the two main types of drug delivery systems? Give a brief description of each.
7. In the context of drug delivery, what are the two main types of drug delivery systems? Give a brief description of each.
8. In the context of drug delivery, what are the two main types of drug delivery systems? Give a brief description of each.

FINAL 1st OF EXAMINATIONS
A. Plasmid (Plasmidology) & Bacterial PC (Bacterial Genetics)
Aut 2020

Import: Bacterial Cell Transformation

Open 2 hours

Aut. Exam: 11

Both: Answer any 8 questions. All questions carry equal marks.

1. a) Electroporation is more efficient than heat shock. (2)
- b) Bacterial systems are limited for study of chromatin. (2)
2. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Electroporation is more efficient than heat shock. (2)
3. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
4. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
5. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
6. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
7. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
8. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
9. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
10. a) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)
- b) Bacterial cell lysis is done by mechanical disruption or by chemical methods. (2)



2020-21-22

NOTICE OF INVITATION

A company, firm, contractor or individual is hereby invited to supply a supply of material,

quantity 100

to be supplied to the Government of India

2020-21-22

2020-21-22

1. The Government of India is hereby invited to supply a supply of material,

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14. The Government of India is hereby invited to supply a supply of material,

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Page 10 of 10

FACULTY OF BUSINESS

Birmingham Business School, Semester 1/2021 part 2 (online examination)

November 2020

Subject: Economics and International

TIME: 2 HOURS

NEW: 100% MARKS

Note: please use the questions in questions every 10 minutes

1. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
2. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
3. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
4. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
5. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
6. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
7. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
8. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
9. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)
10. a) Suppose the aggregate supply curve is upward sloping and the demand curve is downward sloping. (10 marks)



code no: 17042010

FACULTY OF PHARMACY

M. Pharmacy (Semester IV) Pharmacology: Basic & Clinical Pharmacology
Semester IV

Subject: Biopharmaceutics: Basic Tech. & Applied (S.I.)

Time: 3 hours

Roll No.: 11

NOTE: Answer any five questions. All questions carry equal marks

1. (a) What is the difference between a drug and a medicine? (2)
- (b) What is the difference between a drug and a medicine? (2)
2. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
3. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
4. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
5. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
6. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
7. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)
8. (a) Explain the difference between a drug and a medicine. (2)
- (b) What is the difference between a drug and a medicine? (2)



Code No: 6-2502AC

FACULTY OF PHARMACY

A Pharmacy programme is designed to provide a strong foundation

October 2022

Subject: Pharmacy (Pharmaceuticals) (Pharmaceuticals)

Page 2 of 2

Page 2 of 2

Note: answer any five questions. All questions carry equal marks

1. (a) Explain the process of drug development? (10)
- (b) Discuss the factors for enhancement of drug bioavailability? (10)
2. Define competitive and non-competitive inhibition of enzyme activity? (10)
3. (a) pH of gastric contents is 1.5. It is important to know the pH of gastric contents for the purpose of drug formulation. Discuss the factors affecting the pH of gastric contents and its effect on drug absorption. (10)

100%	90%	80%	70%	60%	50%	40%	30%	20%	10%	0%
100%	90%	80%	70%	60%	50%	40%	30%	20%	10%	0%

4. (a) Discuss the factors affecting drug absorption? (10)
- (b) Discuss the factors affecting drug distribution? (10)
5. (a) Discuss the factors affecting drug metabolism? (10)
- (b) Discuss the factors affecting drug excretion? (10)
6. (a) Discuss the factors affecting drug toxicity? (10)
- (b) Discuss the factors affecting drug efficacy? (10)
7. (a) Discuss the factors affecting drug safety? (10)
- (b) Discuss the factors affecting drug quality? (10)



FACULTY OF PHARMACY

at: MEMORANDUM OF UNDERSTANDING

with the

Legal Affairs of the Ministry of Health

2019-2020

Page 2 of 2

Page 2 of 2

With reference to the questions, the answers are as follows:

1. The first question is about the... (10)
2. The second question is about the... (10)
3. The third question is about the... (10)
4. The fourth question is about the... (10)
5. The fifth question is about the... (10)
6. The sixth question is about the... (10)
7. The seventh question is about the... (10)
8. The eighth question is about the... (10)
9. The ninth question is about the... (10)
10. The tenth question is about the... (10)



2000-01-01

SCHOOL OF PHARMACY
 610 North Dearborn Street, Chicago, Illinois 60610
 Tel: 312/343-7000
 Fax: 312/343-7000

REFERENCES

[illegible][illegible]

- [illegible]



2018-2019

FACULTY OF PHARMACY
Medicinal Chemistry I (Mandatory)
Final Exam - April 2019
Faculty of Pharmacy - University of Jordan

Time: 3 hours

Max. Score: 75

Write down any two questions, and questions carry equal marks.

1. Select three of the following and give a generalization about each one:
 - a) Nucleic acids
 - b) Carbohydrates
 - c) Lipids
 - d) Proteins
2. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
3. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
4. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
5. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
6. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
7. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
8. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
9. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids
10. Write a short note on:
 - a) Carbohydrates
 - b) Lipids
 - c) Proteins
 - d) Nucleic acids



2018-19-2019-20

MINISTRY OF HEALTH AND FAMILY WELFARE

1. Ministry of Health and Family Welfare, Government of India

2018-19-2019-20

Subject: Ministry of Health and Family Welfare, Government of India

2018-19-2019-20

2018-19-2019-20

2. Ministry of Health and Family Welfare, Government of India

- (i) Ministry of Health and Family Welfare, Government of India
- (ii) Ministry of Health and Family Welfare, Government of India
- (iii) Ministry of Health and Family Welfare, Government of India
- (iv) Ministry of Health and Family Welfare, Government of India

3. Ministry of Health and Family Welfare, Government of India

(i) Ministry of Health and Family Welfare, Government of India

(ii) Ministry of Health and Family Welfare, Government of India

4. Ministry of Health and Family Welfare, Government of India

5. Ministry of Health and Family Welfare, Government of India

(i) Ministry of Health and Family Welfare, Government of India

6. Ministry of Health and Family Welfare, Government of India

(i) Ministry of Health and Family Welfare, Government of India

(ii) Ministry of Health and Family Welfare, Government of India

7. Ministry of Health and Family Welfare, Government of India

(i) Ministry of Health and Family Welfare, Government of India

8. Ministry of Health and Family Welfare, Government of India

9. Ministry of Health and Family Welfare, Government of India

(i) Ministry of Health and Family Welfare, Government of India



FACULTY OF PHARMACY

B. Pharmacy-Pharmaceutical Science 203 (Sem-I) Ending Examination,
December 2022

Local Computer Aided (Practical) System

Duration: 1 hour 15 min

Total Marks:

Max. Marks: 10

Note: Answer any five questions. All questions carry equal marks.

1. Name three methods of separation of pharmaceutical compounds and give one example for each.
2. Name two applications of Quality by Design (QbD) in pharmaceutical development. Name two QbD tools used for formulation development.
3. Discuss the importance and application of stability testing in pharmaceutical development.
4. Name some of computer-aided tools used in pharmaceutical development and list their applications.
5. Name some of the key components of a pharmaceutical Quality Management System.
6. Discuss the role of Quality Assurance in pharmaceutical development and list its key responsibilities.
7. Name some of the key components of a pharmaceutical Quality Management System.
8. Discuss the role of Quality Assurance in pharmaceutical development and list its key responsibilities.
9. Name some of the key components of a pharmaceutical Quality Management System.
10. Discuss the role of Quality Assurance in pharmaceutical development and list its key responsibilities.



TRIPARTITE OF THE BOARD

**5. Primary (The modelled) (Senior) PQR (Part 2) Setting Examination,
December 2020
Subject: Grammar and Communication**

Time: 1 hour

Max. Marks: 50

Write Answer any five questions. All questions carry equal marks.

1. (a) Select the correct answer. Underline the correct answer. Write the correct answer in the space provided next to it. (10 marks)
- (b) Write a line or sentences for stating the main idea of the text and use of connectives.
2. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)
3. (a) Write a line or sentences for stating the main idea of the text. (10 marks)
- (b) Write a line or sentences for stating the main idea of the text. (10 marks)
4. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)
5. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)
6. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)
7. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)
8. (a) Select the sentence which is not correct. (10 marks)
- (b) Select the sentence which is not correct. (10 marks)



Issue No. 1 of 2019

INSTITUTE OF CHEMICAL ENGINEERS

18, Flimby (PO) Thiruvananthapuram - 695 016 India & Sri Lanka
 December 2019

18th Annual Conference on Chemical Engineering & Process Technology

Time: 2 hours

Max. Marks: 60

Note: Answer any five questions. All questions carry equal marks.

1. (a) Discuss the advantages and disadvantages of using a catalyst in a chemical reaction. (10)
 (b) Discuss the effect of temperature on the rate of a reaction. (10)
2. (a) Explain the effect of temperature on the rate of a reaction. (10)
 (b) Discuss the effect of pressure on the rate of a reaction. (10)
3. (a) Explain the effect of pressure on the rate of a reaction. (10)
 (b) Discuss the effect of concentration on the rate of a reaction. (10)
4. (a) Discuss the effect of concentration on the rate of a reaction. (10)
 (b) Discuss the effect of surface area on the rate of a reaction. (10)
5. (a) Discuss the effect of surface area on the rate of a reaction. (10)
 (b) Discuss the effect of solvent on the rate of a reaction. (10)
6. (a) Discuss the effect of solvent on the rate of a reaction. (10)
 (b) Discuss the effect of pH on the rate of a reaction. (10)

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7. (a) Discuss the effect of pH on the rate of a reaction. (10)
 (b) Discuss the effect of ionic strength on the rate of a reaction. (10)
8. (a) Discuss the effect of ionic strength on the rate of a reaction. (10)
 (b) Discuss the effect of dielectric constant on the rate of a reaction. (10)



PACBUT OF PHARMACY

**M. Pharmacy Pharmacology I: Lecture Note & Selfing Exercises,
Semester 1/22**

Issued: Merceda Pharmacology Exam Test and Targeted Self

Time: 1 hour

Max. Marks: 75

Note: Answer any five questions. All questions carry equal marks.

1. a) Define drug response. Explain different types of drug response. b) Plot a dose-response curve.
2. a) Explain the process of drug absorption. b) Explain the factors affecting drug absorption.
3. a) Explain the process of drug distribution. b) Explain the factors affecting drug distribution.
4. a) Explain the process of drug metabolism. b) Explain the factors affecting drug metabolism.
5. a) Explain the process of drug excretion. b) Explain the factors affecting drug excretion.
6. a) Explain the process of drug elimination. b) Explain the factors affecting drug elimination.
7. a) Explain the process of drug toxicity. b) Explain the factors affecting drug toxicity.
8. a) Explain the process of drug addiction. b) Explain the factors affecting drug addiction.



Health and Family Welfare

PHARMACY - PHARMACEUTICALS

1. Pharmacy (Pharmaceuticals) - Pharmacy (Pharmaceuticals) - Supply Distribution

2019-2020

Subject: Computer Based Drug Delivery System

Time: 1 hour

Max. marks: 50

Q1. Answering the questions of questions very short type.

1. **Pharmacy practice**
 (a) Define pharmacy practice and its objectives.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?
2. **Pharmacy practice and drug delivery system**
 (a) Define pharmacy practice and drug delivery system.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?
3. **Pharmacy practice and drug delivery system**
 (a) Define pharmacy practice and drug delivery system.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?
4. **Pharmacy practice and drug delivery system**
 (a) Define pharmacy practice and drug delivery system.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?
5. **Pharmacy practice and drug delivery system**
 (a) Define pharmacy practice and drug delivery system.
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 (a) Define pharmacy practice and drug delivery system.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?
8. **Pharmacy practice and drug delivery system**
 (a) Define pharmacy practice and drug delivery system.
 (b) How does it differ from other health professions?
 (c) What are the main components of pharmacy practice?



SCHOOL OF PHARMACY

M. Pharmacy (Pharmaceutics) Honours (PC) (Part 2) (Credited) (Continuation)
Semester 2021

Subject: Computer Based Drug Delivery System

Time: 3 hours

Exam Number: 1)

Note: Answer any three questions. All questions carry equal marks.

(3 x 20 = 60 marks)

1. Explain the role of computer in the development of pharmaceutical products and systems.
2. Give the advantages and disadvantages of computer in the development of pharmaceutical products and systems.
3. (a) Give the applications and importance of 2D pharmaceutical product development.
(b) Give the applications of 3D product development.
4. What is the role of computer in the development of pharmaceutical products?
(a) Give the applications of 2D product development.
(b) Give the applications of 3D product development.
5. (a) Give the applications of computer in the development of pharmaceutical products.
(b) Give the applications of computer in the development of pharmaceutical products.
6. (a) Give the applications of computer in the development of pharmaceutical products.
(b) Give the applications of computer in the development of pharmaceutical products.
7. (a) Give the applications of computer in the development of pharmaceutical products.
(b) Give the applications of computer in the development of pharmaceutical products.
8. (a) Give the applications of computer in the development of pharmaceutical products.
(b) Give the applications of computer in the development of pharmaceutical products.



Page No. _____

FACULTY OF PHARMACY

B. Pharmacy (Pharmaceutics) Semester I (PC) (Part B) Subject (Formulation & Technology)
Semester 2021

Subject: Industrial Pharmaceutics (Pharmaceutics & Technology) (2021)

Time: 3 Hours

Roll No. (PC) _____

NOTE: Answer any four questions. All questions carry equal marks.

(10 + 20 = 30 Marks)

1. (a) Differentiate between types of impurity? (Define the terms: toxicologic and therapeutic).
 - (b) (i) How do you measure pharmaceutical impurity?
-
2. (a) Describe different methods of preparation of nanoparticles?
 - (b) Explain in detail different types of preparation of colloidal systems.
-
3. Describe in detail different methods of water analysis?
-
4. Describe in detail operation of conventional millstones. (Draw and describe complete).
-
5. (a) Differentiate between: (i) Hydrophobic colloids and (ii) hydrophilic colloids.
 - (b) Explain why the velocity distribution of reaction?
-
6. (a) Differentiate between: (i) The effect of temperature of reaction rate for zeroth order?
 - (b) Explain the various types of adsorption: (i) physical adsorption.
-
7. (a) Explain the stages of the reaction of polymerization.
 - (b) Explain the effect of different types of the reaction temperature and reaction volume on the rate.
-
8. (a) (i) Define: (i) reaction.
 - (ii) reaction.
 - (iii) reaction.
 - (iv) reaction.



SCHOOL OF PHARMACY

B. Pharmacy (Pharmaceutics) Programme (PC) (Part 3 Capping Examination)
December 2021

Subject: Pharmaceutics and Contraceptives

Time: 2 hours

Date: 18/12/21

Notes: Answer only three questions. All questions carry equal marks.

(+ 15% for marks)

1. (a) Discuss the advantages and disadvantages of emulsions.
(b) Discuss regulatory requirements for emulsion of ointments.
2. Discuss either the problems relating to skin and ointmenting process available for the following:
3. Discuss a case or case studies of performance of pharmaceuticals listed as follows in the respective categories:
4. (a) What are the factors likely to contribute to a leaky pack?
(b) What are the consequences of a leaky pack?
5. (a) What are some of the potential side effects of drugs?
(b) What are some of the potential side effects of drugs for treating leprosy?
6. (a) Discuss the epidemiological process for drug delivery.
(b) Discuss the epidemiological process for drug delivery and control?
7. (a) Discuss the epidemiological process for drug delivery.
(b) Discuss the epidemiological process for drug delivery and control?
8. (a) Discuss the epidemiological process for drug delivery.
(b) Discuss the epidemiological process for drug delivery and control?



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FACULTY OF NURSING

IN NURSING PROGRAMME (NURSING DIPLOMA)

EXAMINATION, August 2011

Subject: Anatomy, Physiology & Biochemistry

Time: 2 Hours

Max. Marks: 40

Write answers for 15 of the questions

(1 x 2 = 20 Marks)

1. Define the term "anatomy" and give its branches with examples.
2. Write a note on the following: a) Epithelium
3. What is a gland? Give the classification of glands and give the functions of the following: a) Salivary gland
4. a) Define the term "physiology" b) Give the classification of physiology
5. a) Define the term "biochemistry" b) Give the classification of biochemistry
6. Define the term "metabolism" and give its types.
7. a) Define the term "anatomy" b) Give the classification of anatomy
8. Define the term "physiology" and give its types.
9. Define the term "biochemistry" and give its types.



FACULTY OF PHARMACY

QVWKG 231090

M. Pharmacy (Pharmaceutical Biotechnology) (PGD Stage I)

14/06/2022, July 2022

Subject: Computer Laboratory Safety System

TIME: 70 MIN

DATE: 10/11/22

NAME: _____

11/11/22

1. Describe the safety of computer in laboratory and explain the importance of safety in the use of the computer in the laboratory.
2. What is the purpose of computer safety in the laboratory? Give an example of safety in the laboratory.
3. a) What is the purpose of computer safety in the laboratory?
b) What are the safety measures in the laboratory with regard to computer safety?
4. a) What is the purpose of computer safety in the laboratory?
b) What are the safety measures in the laboratory with regard to computer safety?
5. What is the purpose of computer safety in the laboratory? Give an example of safety in the laboratory.
6. What is the purpose of computer safety in the laboratory? Give an example of safety in the laboratory.
7. What is the purpose of computer safety in the laboratory? Give an example of safety in the laboratory.
8. What is the purpose of computer safety in the laboratory? Give an example of safety in the laboratory.



OU/Ph. III/23/PC

SCHOOL OF PHARMACY

B. Pharmacy (Pharmaceutical Chemistry) (Hons) (400)

Examination, July 2023

Subject: Inorganic and Organometallics

Time: 3 hours

Max. Marks: 75

Write answers any FIVE questions

Out of Eight questions

1. Discuss the properties of transition metal complexes.
2. Discuss the properties of transition metal complexes and their applications in the field of medicine.
3. Discuss the structure of square planar and tetrahedral complexes and their applications in the field of medicine.
4. (a) What are the coordination compounds of transition metal? (b) Give an example of a transition metal complex.
5. Write a short note on the properties of transition metal complexes and their applications in the field of medicine.
6. (a) Discuss the properties of transition metal complexes. (b) Give an example of a transition metal complex.
7. (a) Write a short note on the properties of transition metal complexes. (b) Give an example of a transition metal complex.
8. (a) Write a short note on the properties of transition metal complexes. (b) Give an example of a transition metal complex.

Abstract

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Keywords: aggression; children; gender

What About Withdrawals? (Reconsideration)

Study 1

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10. (a) Compute the difference $\nabla \cdot \mathbf{u}$ of $\mathbf{u}$ from (9).
 (b) Does $\nabla \cdot \mathbf{u}$ depend on the choice of $\mathbf{f}$ from (8)?
 (c) Is $\nabla \cdot \mathbf{u}$ equal to $\nabla \cdot \mathbf{f}$ if $\mathbf{u}$ is given by (9) and $\mathbf{f}$ by (8)?

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	

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DOI: 10.1002/for

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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Form No. 1000000

B. Planning/Processing/Review/Reporting/Action

Form No. 1000000

Form No. 1000000

Form No. 1000000

Form No. 1000000

Form No. 1000000

Form No. 1000000

1. The plan is to be a comprehensive document covering all aspects of the project.

2. The plan should be a living document.

3. The plan should be a living document.

4. The plan should be a living document.

5. The plan should be a living document.

6. The plan should be a living document.

7. The plan should be a living document.

8. The plan should be a living document.

OU



Faculty of Health Sciences

Course: BSc (Hons)

M. Pharmacy (Pharmaceutical & Biomedical Sciences) Examination,
January 2023

Subject: Comprehensive Drug Delivery System

Time: 2 hours

Max. marks: 100

Note: Answer any Five Questions. All Questions Carry Equal Marks

1. Discuss in detail factors of formulation of pharmaceutical product and development process that lead to the development of new drugs. 10
2. Write short notes on:
a. Dosage form
b. Pharmacokinetics
c. Pharmacodynamics 10
3. (a) State the primary objectives of pharmaceutical product development.
(b) State the primary objectives of R&D. 10
4. Discuss about the existing technologies used for pharmaceutical product development and their advantages and disadvantages. 10
5. How is a product to be developed? Discuss the process of development of pharmaceutical product. 10
6. Discuss in detail about the various methods of preparing pharmaceutical product. 10
7. What is a pharmaceutical product? Discuss its development process. 10
8. Discuss about the various methods of pharmaceutical product development. 10

SPRINGER LIBRARY



FACULTY OF PHARMACY

Code No. R-2020

B. Pharmacy (Pharmaceutical Formulation) 70% + 30% Examination
January 2020

Subject: Molecular Pharmaceutics
(Parent Technology and Targeted Drug Delivery Systems)

Time: 2 Hours

Max. Marks: 70

Note: Answer any five questions. All questions carry equal marks.

1. (a) Differentiate between (i) PEG and (ii) PEG-PLGA nanoparticles. (4 marks)
(b) Explain the term "drug loading capacity". (2 marks)
2. Explain the mechanism of action of liposomes. (4 marks)
3. (a) Explain the role of liposomes in drug delivery. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)
4. (a) Explain the mechanism of action of liposomes. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)
5. (a) Explain the role of liposomes in drug delivery. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)
6. (a) Explain the role of liposomes in drug delivery. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)
7. (a) Explain the role of liposomes in drug delivery. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)
8. (a) Explain the role of liposomes in drug delivery. (4 marks)
(b) How can liposomes be used for drug delivery? (4 marks)



Form No. 1 (2015)

FACULTY OF PHARMACY

B. Pharmacy (Pharmaceutical Science) (PC) - Accredited by The Council

January 2016

Subject: Inorganic and Coordination

Time: 3 Hours

Max. Marks: 75

Notes: Answer any Five Questions. All Questions carry Equal Marks.

1. a) Define Ligands. Distinguish between primary and secondary coordination covalent bonds. Give two examples. (5)
 b) Write down the IUPAC nomenclature for the following complex. (5)
2. a) Explain the role of water in a coordination complex. (5)
 b) Discuss the effect of temperature on the stability of a complex. (5)
3. a) What are the factors that affect the stability of a complex? (5)
 b) Write down the IUPAC nomenclature for the following complex. (5)
4. a) Discuss the role of ligands in the stability of a complex. (5)
 b) Discuss the effect of temperature on the stability of a complex. (5)
5. a) Discuss the role of ligands in the stability of a complex. (5)
 b) Write down the IUPAC nomenclature for the following complex. (5)
6. a) Define a complex. (5)
 b) Discuss the role of ligands in the stability of a complex. (5)
7. a) Define a complex. (5)
 b) Discuss the role of ligands in the stability of a complex. (5)
8. a) Define a complex. (5)
 b) Discuss the role of ligands in the stability of a complex. (5)

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Code No. 81090

FACULTY OF PHARMACY

B. Pharmacy (Pharmaceutical Analysis) 702 (R23) (Semester III)

January 2020

Subject : Advanced Pharmaceutical Analysis and Pharmacokinetics

Time: 3 hours

Max. Marks: 60

NOTE: Answer any Five Questions. All Questions Carry Equal Marks.

1. (a) Draw and label the transfer function for the closed-loop system and the closed-loop transfer function.
(b) Draw and label the transfer function for the closed-loop system.
2. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
3. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
4. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
5. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
6. (a) Draw and label the transfer function for the closed-loop system.
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7. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
8. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
9. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.
10. (a) Draw and label the transfer function for the closed-loop system.
(b) Draw and label the transfer function for the closed-loop system.



SCHOOL OF MANAGEMENT

Code No: 101590

1. Examine the following statement and discuss its implications.
August 2011

Subject: Business Administration (BBA) Term and Degree: 2011

Time: 3 hours	5
	Marks
A. BBA	
1. Examine the following statement and discuss its implications.	
(a) The statement is a statement of fact and not a statement of opinion.	2
(b) The statement is a statement of opinion and not a statement of fact.	2
(c) The statement is a statement of fact and not a statement of opinion.	2
(d) The statement is a statement of opinion and not a statement of fact.	2
(e) The statement is a statement of fact and not a statement of opinion.	2
(f) The statement is a statement of opinion and not a statement of fact.	2
(g) The statement is a statement of fact and not a statement of opinion.	2
(h) The statement is a statement of opinion and not a statement of fact.	2
(i) The statement is a statement of fact and not a statement of opinion.	2
(j) The statement is a statement of opinion and not a statement of fact.	2
(k) The statement is a statement of fact and not a statement of opinion.	2
(l) The statement is a statement of opinion and not a statement of fact.	2
(m) The statement is a statement of fact and not a statement of opinion.	2
(n) The statement is a statement of opinion and not a statement of fact.	2
(o) The statement is a statement of fact and not a statement of opinion.	2
(p) The statement is a statement of opinion and not a statement of fact.	2
(q) The statement is a statement of fact and not a statement of opinion.	2
(r) The statement is a statement of opinion and not a statement of fact.	2
(s) The statement is a statement of fact and not a statement of opinion.	2
(t) The statement is a statement of opinion and not a statement of fact.	2
(u) The statement is a statement of fact and not a statement of opinion.	2
(v) The statement is a statement of opinion and not a statement of fact.	2
(w) The statement is a statement of fact and not a statement of opinion.	2
(x) The statement is a statement of opinion and not a statement of fact.	2
(y) The statement is a statement of fact and not a statement of opinion.	2
(z) The statement is a statement of opinion and not a statement of fact.	2



PADA FARMASI

kefarmasian yang bersifat sebagai pusat pelayanan
farmasi

Code No. 100180

Subject : Circulation Drug Delivery System

Time : 2 hours

Max Marks : 10

Write Answer any Five Questions. All Questions Carry Equal Marks.

1. Write any of purpose of pharmaceutical distribution and its importance.
2. Write any of purpose of pharmaceutical distribution and its importance.
3. Write any of purpose of pharmaceutical distribution and its importance.
4. Write any of purpose of pharmaceutical distribution and its importance.
5. Write any of purpose of pharmaceutical distribution and its importance.
6. Write any of purpose of pharmaceutical distribution and its importance.
7. Write any of purpose of pharmaceutical distribution and its importance.
8. Write any of purpose of pharmaceutical distribution and its importance.
9. Write any of purpose of pharmaceutical distribution and its importance.
10. Write any of purpose of pharmaceutical distribution and its importance.



PHARMACY

Code No. 00000

Pharmacy Council of India
Superior

Subject: Advanced Pharmacy and Pharmaceutical

Time: 2 Hours

Max. Marks: 100

Note: Answer any Five Questions. All Questions Carry Equal Marks.

- (a) Discuss the various factors affecting stability.

(b) How does the stability of a drug change with time?
- (a) Discuss the various factors affecting the stability of a drug.

(b) How does the stability of a drug change with time?
- (a) Discuss the various factors affecting the stability of a drug.

(b) How does the stability of a drug change with time?
- (a) Discuss the various factors affecting the stability of a drug.

(b) How does the stability of a drug change with time?
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(b) How does the stability of a drug change with time?
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(b) How does the stability of a drug change with time?
- (a) Discuss the various factors affecting the stability of a drug.

(b) How does the stability of a drug change with time?
- (a) Discuss the various factors affecting the stability of a drug.

(b) How does the stability of a drug change with time?



PAGE 17 OF 34

Page 17 of 34

of regulatory provisions relating to the conduct of business, management, financial and

Legal, Governance and Compliance

Time: 1 hour

Max. Marks: 11

Note: Answer any five questions // questions carry equal marks.

1. Write a note on the regulatory provisions relating to the conduct of business. (11)
2. Write a note on Regulatory provisions relating to the conduct of business. (11)
3. (a) Write a note on the conduct of business. (11)
(b) Write a note on the conduct of business. (11)
4. Write a note on the conduct of business. (11)
5. (a) Write a note on the conduct of business. (11)
(b) Write a note on the conduct of business. (11)
6. Write a note on the conduct of business. (11)
7. Write a note on the conduct of business. (11)
8. Write a note on the conduct of business. (11)
9. Write a note on the conduct of business. (11)
10. Write a note on the conduct of business. (11)



UNIVERSITY OF THE PACIFIC

Course: BSCPO

Subject: Computer Science (BSCPO) - 1st Year, 1st Semester

Subject: Computer Science (BSCPO) - 1st Year, 1st Semester

Time: 2 hours

Max. Marks: 75

Note: Answer any five questions. All questions carry equal marks.

1. Write the advantages of computer networks.
2. Explain the structure and function of a computer network.
3. Write the advantages of computer networks.
4. Write the advantages of computer networks.
5. Write the advantages of computer networks.
6. Write the advantages of computer networks.
7. Write the advantages of computer networks.
8. Write the advantages of computer networks.
9. Write the advantages of computer networks.
10. Write the advantages of computer networks.



Ministry of Health, Government of India

Ministry of Health, Government of India
(Ministry of Health and Family Welfare, Government of India)

Time: 1 hour

Max. Marks: 10

Note: Answer any five questions. All questions carry equal marks.

1. a. Define the term 'pharmaceuticals' (1)
- b. Define the term 'pharmaceutical industry' (1)
2. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
3. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
4. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
5. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
6. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
7. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
8. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
9. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)
10. a. Define the term 'pharmaceutical industry' (1)
- b. Define the term 'pharmaceutical industry' (1)



FACULTY OF PHARMACY

M Pharmacy (Pharmaceutical & Biomedical) (PQ) (App) (Dissertation) (February 2017)

Subject: Systemic Pharmacokinetics & Pharmacodynamics

Time: 2 hours

Max marks: 110

Notes: Answer any five questions. All questions carry equal marks.

1. (a) Write a concise and comprehensive note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

2. (a) Write a concise

- (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

3. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

4. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

5. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

6. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

7. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

8. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

9. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

10. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

11. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

12. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

13. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

14. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

15. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

16. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

17. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

18. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

19. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance

20. (a) Write a concise note on the following: (10)
 (i) Clearance Factor: The Scope of First Clearance



FACULTY OF PHARMACY

Pharmacy Program (B.S. in Pharmacy) (B.S. in Pharmacy) (B.S. in Pharmacy)

Subject: Pharmacology and Therapeutics
(Pharmacology and Therapeutics)

Page 1 of 1

Page 1 of 1

1. The following are the questions and answers for the exam.

1. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)
2. Explain the difference between a drug and a medicine. (10)
3. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)
4. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)
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b) Explain the difference between a drug and a medicine. (10)
6. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)
7. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)
8. a) Explain the difference between a drug and a medicine. (10)
b) Explain the difference between a drug and a medicine. (10)



FACULTY OF PHARMACY

Examination: 2020

Pharmacy, pharmaceutical & community pharmacy registration: 4 years/ 120

Subject: Services and Communities

Time: 3 hours

Max. Marks: 110

Write: Answer any five questions. All questions carry equal marks.

1. (a) Discuss the factors that influence the rate of drug utilization in a community. (20)
(b) Define Community Pharmacy and state its role in a community. (10)
2. (a) Describe the structure of a general practice and its role in a community. (20)
(b) Discuss the role of a pharmacist in a general practice. (10)
3. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)
4. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)
5. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)
6. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)
7. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)
8. (a) Discuss the role of a pharmacist in a community. (20)
(b) Discuss the role of a pharmacist in a community. (10)



FACULTY OF PHARMACY

of Pharmacy (Pharmaceutical Science) (PC) Online Examination, August 2020

Subject: Chemistry: Inorganic Chemistry

(Time: 3 hours)

Max. Marks: 100

Note: Answer any five questions and questions are marked as follows:

- (a) Phosphorus is a non-metal.

(b) Describe the structure of phosphorus.

(c) Explain the structure of phosphorus.
- Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- (a) Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.

(b) Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- (a) Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.

(b) Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.
- Phosphorus is a non-metal. Describe the structure of phosphorus and explain the structure of phosphorus.



FACULTY OF PHARMACY

B. Pharmacy (Pharmaceutical Science) (4th Semester) (Paper) 200

**Subject: Pharmaceutical Technology
(Pharmaceutical Technology and Pharmaceutical Engineering)**

Time: 3 hours

Max. Marks: 75

Note: Answer any five questions. All questions carry equal marks.

1. a) Discuss the advantages and disadvantages of suspension systems.
b) Discuss the advantages of drug suspensions. 10
2. Discuss the factors of suspension stability. 10
3. a) Discuss the factors of suspension and stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
4. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
5. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
6. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
7. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
8. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
9. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10
10. a) Discuss the factors of stability of suspensions.
b) Discuss the factors of stability of suspensions. 10