



# KMP COLLEGE OF PHARMACY

Asamannoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

QP Code:

2019/2/II/A1

Reg. No.: .....

II<sup>nd</sup> Pharm (2019 Batch) II Sessional Theory Examinations, October 2021

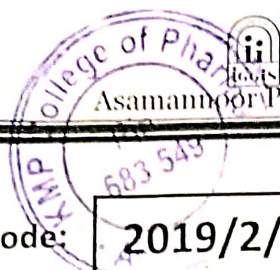
## Pharmaceutics II

Time: 3 Hr.

Max. Marks: 80

- Answer any eight questions
- All questions carry equal marks

- I. a) Define mixtures. Explain how mixtures containing diffusible solids are dispensed. (5+5 = 10)  
b) Differentiate between Liniments and lotions with examples.
- II. a) Discuss about Elixirs with examples. (5+5 = 10)  
b) Explain flocculated and deflocculated suspension.
- III. a) Write the vehicle used in parenteral preparation. (5+5 = 10)  
b) Define Pyrogen. How can water for injections be freed from Pyrogen?
- IV. a) Differentiate Gargle and Mouth washes. (5+5 = 10)  
b) Write a notes on i) eye drops ii) throat paint
- V. a) Write a notes on TPN. (5+5 = 10)  
b) What are the general requirements of the preparation of IV fluids?
- VI. a) Write a notes on suspending agents. (5+5 = 10)  
b) Notes on Instability of suspension.
- VII. Write brief notes on  
a) Ear drop ii) Nasal drop (5+5 = 10)  
b) List out the evaluation test for parenteral preparation and explain the sterility test.
- VIII. a) Write a notes on contact lens. (5+5 = 10)  
b) Notes on processing of parenteral preparations.
- IX. a) Write a note on monophasic liquid dosage forms and classify with examples. (5+5 = 10)  
b) Notes on the method used of dispensing suspension.
- X) Write brief notes on (5+5 = 10)  
a) Douches. b) Sprays.
- .....



QP Code:

**2019/2/II/B1**

Reg. No.: .....

**II Year D. Pharm (2019 Batch) II Sessional Theory Examinations, OCT-2021**

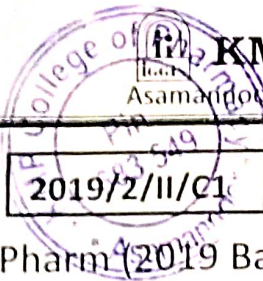
**PHARMACEUTICAL CHEMISTRY - II**

**Time: 3 hrs**

**Max. Marks: 80**

- Answer any 8 questions
- All questions carry equal marks

1. a) Write the properties, storage and uses of (i) Vitamin K (ii) Ascorbic acid  
b) Give the storage conditions and use of (i) Glyceryl trinitrate (ii) Terbutaline. (5+5=10)
2. (a) Mention the therapeutic uses of (i) Riboflavin (ii) Warfarin sodium (iii) Propyl thiouracil (iv) Salbutamol (v) Nandrolone.  
(b) Define and classify Diuretics. Give the structure and uses of Mannitol. (5+5=10)
3. a) Give one example each for (i) Adrenergic agent (ii) Anticonvulsant (iii) Coagulant (iv) Antiarrhythmic (v) Cardiac glycoside.  
b) What are Steroidal drugs? Add a note on Sex hormones. (5+5=10)
4. a) Classify Antihypertensives. Give the structure of Propranolol.  
b) Write the structure and uses of (i) Thyroxine (ii) Isoprenaline (iii) Phenformin (iv) Phenytoin (v) Menadione. (5+5=10)
5. Write a note on a) Insulin  
b) Cardiac glycosides. (5+5=10)
6. a) What are Diagnostic agents? Give their applications in the field of pharmacy with suitable examples.  
b) Mention the heterocyclic ring present in the following drugs (i) Quinidine (ii) Hydralazine (iii) Carbamazepine (iv) Vitamin B<sub>1</sub> (v) Phenytoin. (5+5=10)
7. a) What are Adrenergic agents? Name any three drugs belonging to this class and give their uses.  
b) What are Oral Hypoglycemics? Name two drugs in this category. Give the structure and uses of chlorpropamide. (5+5=10)
8. a) Write the structure and uses of Quinidine and Propranolol  
b) What are Vitamins? Classify them. Give the deficiency diseases caused by Vitamin A, B<sub>6</sub> and Folic acid. (5+5=10)
9. (a) Write the therapeutic uses of (i) Phenobarbitone (ii) Ethacrynic acid (iii) Progesterone (iv) Lopanoic acid (v) Betamethasone.  
b) Write a note on Coagulants and anticoagulants. (5+5=10)
10. a) Give the therapeutic class to which the following drugs belong to (i) Ephedrine (ii) Methimazole (iii) Clofibrate (iv) Clonidine (v) Furosemide.  
b) Give a brief account on Fat soluble vitamins. (5+5=10)



# KMP COLLEGE OF PHARMACY

Asamandour P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

QP Code:

2019/2/II/C1

Reg. No.: .....

II D. Pharm (2019 Batch) Diploma II Sessional Examinations, October 2021

## Pharmacology and Toxicology (2017 Scheme)

Time: 3 Hours

Max. Marks: 80

• Answer any 8 questions • All questions carry equal marks • Sub-question a & b should be written in a sequence.

1. a. Classify general anesthetics.  
b. Explain the stages of anesthesia. 5 x 2 = 10
2. a. Classify antiepileptic drugs.  
b. Explain the MOA of Phenytoin. 5 x 2 = 10
3. a) Classify NSIADS  
b) Classify sedative and hypnotics 5 x 2 = 10
4. a) Briefly explain the MOA of benzodiazepine.  
b) Briefly explain the uses of calcium channel blockers 5 x 2 = 10
- 5) a) Explain the role of RAAS system in hypertension  
b) Classify Antianginal agents. 5 x 2 = 10
- 6) a) Explain the MOA of Nitrates in the treatment of angina pectoris  
b) Classify antihypertensive drugs. 5 x 2 = 10
- 7) a) Write the MOA of calcium channel blockers  
b) Write the uses of Nitrates 5 x 2 = 10
- 8) a) Classify calcium channel blockers  
b) Classify Diuretics 5 x 2 = 10
- 9) a) Explain Cyclooxygenase (COX) pathway  
b) Briefly explain the use of NSAIDS 5 x 2 = 10
- 10) a) Explain the types of angina  
b) Briefly explain the uses of Beta Blockers 5 x 2 = 10



QP Code:

2019/2/II/D1

Reg. No.: .....

II Year D. Pharm (2019 Batch) II Sessional Theory Examinations, October 2021  
**Pharmaceutical Jurisprudence**

Time: 3 hours

Max. Marks: 80

Answer Any Eight Questions

1. A. Discuss the condition for the grant or renewal of license for the manufacture of drugs other than those specified in schedule C and C1 drugs  
B. Explain the qualification, duties and responsibilities of drug inspectors (5+5=10)
2. A. Define the following schedules  
a. Schedule M schedule X c. Schedule C d. Schedule J e. Schedule M  
B. Objectives of Magic remedies act (5+5=10)
2. A Offences and penalties of narcotic drugs and psychotropic substances  
B. General labelling pattern of drugs as per D and C act (5+5=10)
4. A. Aim and objectives of Drugs and cosmetics act  
B. Drug analyst (5+5=10)
5. A. Define the term misbranded drug, Adulterated drug and spurious drugs  
B. Repacking license (5+5+10)
6. A. Loan license  
B. Provisions for the grant of license for wholesale of drugs other than schedule C and C1 drugs (5+5+10)
7. A. Restricted license  
B. Provisions for the import of drugs for test/Analysis (5+5+10)
8. A. Explain in detail the classes of drugs prohibited for import  
B. Provisions for the import of biological products. (5+5+10)
9. A. Describe the functions of central drug laboratory  
B. DTAB (5+5+10)
10. A. Classes of exempted advertisement under Drugs and Magic remedies act  
B. Objectives of Narcotic drugs and Psychotropic substances act (5+5+10)



# KMP COLLEGE OF PHARMACY

Ashtamanoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

QP Code:

2019/2/II/E1

Reg. No.: .....

## II D. Pharm(2019 Batch) II Sessional Theory Examinations, October 2021 Drug Store and Business Management

Time: 3 Hrs.

Max. Marks: 80

- Answer any eight questions
- Draw diagrams wherever necessary

- a) what are the objectives of inventory control (5+5)  
b) write notes on perpetual inventory control system
- a) what is sales promotion ? Describe the objectives of sales promotion (5+5)  
b) Explain ABC and VED method of inventory control
- a) Write notes on Lead time (5+5)  
b) write notes on window display
- a) write notes on maximum stock level (5+5)  
b) write notes on Economic order quantity
- a) Explain scarp and surplus (5+5)  
b) Classify method of sales promotion? And write the importance of sales promotion
- a) write notes on salesmanship (5+5)  
b) Advantage and disadvantage of Advertising
- a) Write down the types of Advertisement media (5+5)  
b) Describe market research
- a) what is recruitment ? Discuss the method of recruitment (5+5)  
b) explain the term training ?Discuss the various subjects in which training should be given to a pharmacist
- a) Discuss the selection of pharmacist (5+5)  
b) write in brief about the evaluation of pharmacist.
- a) what are the methods of market research (5+5)  
b) write down the sources of market research



QP Code: **2019/2/II/F1**

Reg. No.: .....

**D. Pharm(2019 Batch) Diploma II Sessional Examinations, October 2021**  
**Hospital & Clinical Pharmacy (2017 Scheme)**

Time: 3 Hours

Max. Marks: 80

• Answer any 8 questions • All questions carry equal marks • Sub-question a & b should be written in a sequence.

1. a. Communication skill is a must for a pharmacist – Discuss the statement.  
b. Describe the consequences of patient non-compliance. 5 x 2 = 10
2. a. What is the role of a clinical pharmacist in various areas of making decision on drug therapy?  
b. Define drug interactions. 5 x 2 = 10
3. a. Define patient compliance and how will you improve the patient compliance?  
b. Write in short about medication history. 5 x 2 = 10
4. a. Define clinical Pharmacy.  
b. What are the objectives of clinical Pharmacy? 5 x 2 = 10
5. a. Describe the pathophysiology of rheumatoid arthritis.  
b. Define the terms medicine, disease. 5 x 2 = 10
6. a. Short notes on Drug – Food interactions.  
b. Function of clinical Pharmacist. 5 x 2 = 10
7. a. Give the clinical significance of Blood pressure and blood cholesterol.  
b. Discuss the various physiological parameters of blood and urine. 5 x 2 = 10
8. a. Give the normal physiological value of ESR, Haemoglobin, WBC, SGPT, and SGOT.  
b. What advice will you give about Diazepam, Ampicillin. 5 x 2 = 10
9. Discuss the pathophysiology of Tuberculosis and Hepatitis. 5 x 2 = 10
10. Give the meaning of the following abbreviations.  
Mistura, Lotio, Ungelentum, Nebula, Gutter, Auristillae, Stenutamentum, Vapour,  
Gelatin, Collutrium. 5 x 2 = 10

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