

QP Code:

2019/2/I/A1

Reg. No.:

II D Pharm (2019 Batch) I Sessional Theory Examinations, August 2021

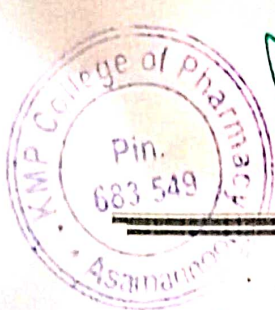
Pharmaceutics II

Time: 3 Hr.

Max. Marks: 80

- Answer any eight questions
- All questions carry equal marks

- I. a) Discuss about therapeutic incompatibility.
b) Give two examples of physical incompatibility. How they are rectified. (5+5 = 10)
- II. How are the following powder dispensed.
a) Powder containing potent drug
b) Hygroscopic and deliquescent substances. (5+5 = 10)
- III. a) Define prescription. Explain the parts of a prescription giving an example.
b) Describe the source of errors in prescription. Explain the modern method of prescribing. (5+5 = 10)
- IV. a) Define cosmetic. Write method of preparation of vanishing cream and mentioning the use of each ingredient in the preparation.
b) Write a notes on i) Shampoo ii) Dentifrices (5+5 = 10)
- V. a) What are the factors affecting the dose of a drug.
b) If the adult dose of a drug is 600mg, calculate the dose required for a child of 6 year. (5+5 = 10)
- VI. a) Give the meaning of following
i) Hora somni ii) Post cibos iii) Stat iv)Unus v) Fiat
b) Expand and give the English translation of
i) h.s ii) s.o.s iii) ung iv) q.s v) i.c (5+5 = 10)
- VII. Write brief notes on
a) Effervescent powder ii) Granules
b) Write 3 formulae for calculation of child dose. (5+5 = 10)
- VIII. a) Classify powders. Mention the advantages and disadvantages of powder.
b) Write a brief notes on chemical incompatibilities (5+5 = 10)
- IX. Write a note on
a) Cachets b) tablet triturates (5+5 = 10)
- X) Write brief notes on
a) Deodorant and Anti perspirant.
b) Hair removers (5+5 = 10)
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KMP COLLEGE OF PHARMACY

Asamanoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683549

QP Code:

2019/2/I/B1

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II Year D. Pharm (2019 Batch) I Sessional Theory Examinations, AUG-2021

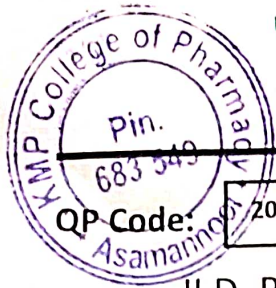
PHARMACEUTICAL CHEMISTRY - II

Time: 3 hrs

Max. Marks: 80

- Answer any 8 questions
- All questions carry equal marks

- Write briefly on NSAIDS. Mention their uses. Write the structure of any one drug in this class.
 - What are Tranquillizers? How do they differ from hypnotics? Give the classification of Hypnotic drugs. (5+5=10)
- Mention the therapeutic uses of (i)Chloroxylenol (ii)Trifluoperazine (iii) Nitrazepam (iv)Methohexital sodium (v)Imipramine .
 - What are Narcotic analgesics? Give four examples. (5+5=10)
- Give one example each for (i)Analeptic (ii)Antiseptic (iii)General anaesthetic (iv)Disinfectant (v)Antidepressant.
 - What are antihistaminic agents? Give four examples. Write the structure of chlorpheniramine. (5+5=10)
- What are heterocyclic compounds? Write the structure of Indole nucleus. Name one compound containing this nucleus and mention its uses.?
 - Write the structure and uses of (i)Diphenhydramine (ii)Phenobarbitone (5+5=10)
- Write a note on local anaesthetic drugs.
 - Define Antiseptics and Disinfectants. Give the structure and uses of Proflavine. (5+5=10)
- Give a brief account on Sedatives and Hypnotics.
 - Differentiate between Narcotic and Non-narcotic analgesics. Name two drugs belonging to each category. Give the structure of Paracetamol. (5+5=10)
- Give the structure, properties and uses of halothane.
 - Give the structure, stability and storage condition of haloperidol. (5+5=10)
- Write the structure and uses of lignocaine and Caffeine. .
 - What are antidepressants? Give the properties and uses of Amitriptylline (5+5=10)
- Write the therapeutic uses of (i)Oxypertine(ii)Thiopental sodium (iii) Procaine(iv)Nitrofurantoin (v)Paraldehyde .
 - Explain the classification of NSAIDS. (5+5=10)
- Give the structure, properties and uses of Ibuprofen.
 - Give a brief account on General anaesthetics. (5+5=10)



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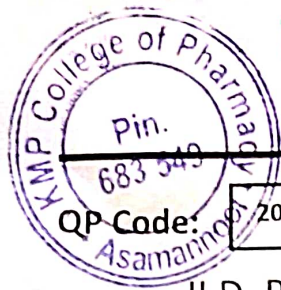
Pharmacology & Toxicology

Max. Marks: 80

Time: 3 Hr.

- Answer any eight questions
- Draw diagrams wherever necessary

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- 1) a) Define pharmacology. Explain its significance in medical science. (5+5=10)
b) Explain the term pharmacodynamics and pharmacokinetics
 - 2) Write short notes on
a) Route of drug administration (5+5=10)
b) Receptors
 - 3) a) Classify general anesthesia (5+5=10)
b) Explain MAC (Minimal alveolar concentration)
 - 4) a) Classify NSAIDs (5+5=10)
b) Classify sedative and hypnotics
 - 5) a) Classify antiepileptic drugs (5+5=10)
b) Explain the MOA of benzodiazepines
 - 6) Write short notes on
a) Phenytoin
b) Uses of Aspirin (5+5=10)
 - 7) a) Classify anti rheumatoid drugs (5+5=10)
b) Classify autacoids
 - 8) a) Explain the pharmacological actions of histamine (5+5=10)
b) Classify anti histamines
 - 9) Short notes
a) Serotonin
b) Prostaglandins (5+5=10)



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Pharmacology & Toxicology

Time: 3 Hr.

Max. Marks: 80

- Answer any eight questions
- Draw diagrams wherever necessary

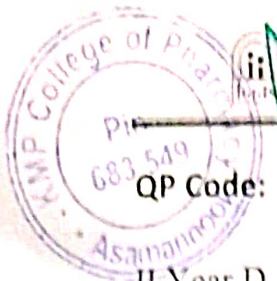
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10) a) Mechanism of action of any one antiepileptic drug

b) Mention the types of cholinergic agonists

(5+5=10)



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2019/2/II/D1

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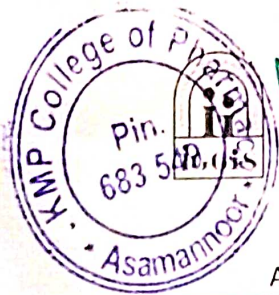
II Year D. Pharm (2019 Batch) I Sessional Theory Examinations, August 2021 Pharmaceutical Jurisprudence

Time: 3 hours

Max. Marks: 80

Answer Any Eight Questions

1. A. State the objectives of Poisonous Act, 1919. What are the provision for the possession and sale of poison under this act
B. Discuss the provisions of medical termination of pregnancy (5+5=10)
2. A. Discuss the offenses and penalties of Pharmacy act, 1948
B. Write the procedure involved for manufacture in Bond (5+5=10)
2. A. Discuss the rules and provisions for getting licence for the manufacture of alcoholic preparation as per MTP Act
B.Explain the functions of Pharmacy Council of India (5+5=10)
4. A . Write the objectives of Pharmacy Council of India
B. Explain the steps involved in the manufacturing of alcoholic preparations in Non bonded Laboratory (5+5=10)
5. A . Functions of State Pharmacy Council
B . Write the reasons for the removal of registered pharmacist from register(5+5+10)
6. A Write the objectives of Medicinal and toilet preparation Act 1960
B Explain in detail the construction of bonded laboratory (5+5+10)
7. A. State in brief offenses and penalties under Medicinal and toilet preparation Act 1955
B . Write a notes on education regulations (5+5+10)
8. A . Explain in detail the constitution of State Pharmacy Council
B Enlist qualifications for entry on the first register under Pharmacy Act, 1948.(5+5+10)
- 9 . A . Define bonded laboratory. Enlist the requirements for the construction of bonded laboratory
B .Write about the offenses and penalties under Poison Act 1919 (5+5+10)
10. A. What are the requirements for registration in the subsequent register stipulated under Pharmacy Act 1948
B . Differentiate between State and Joint Pharmacy Council under Pharmacy Act, 1948. (5+5+10)



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QP Code: **2019/2/III/E1**

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I D. Pharm(2019 Batch) I Sessional Theory Examinations, August 2021

Drug Store and Business Management

Time: 3 Hrs.

Max. Marks: 80

- Answer any eight questions
- Draw diagrams wherever necessary

- a) Define the following
i) Trade ii) Industry iii) Commerce
iv) Internal Trade v) Management

b) Differentiate between
i) Heavy industry and light industry
ii) Consumer goods and producer goods

(5+5)
- a). Business

b) What is partnership firm? Explain different kinds of partnership

(5+5)
- a) Retailer b.) Discuss the functions of a wholesaler .

(5+5)
- a) Calculation of retail price of a drug formulation

b) Types of tenders

(5+5)
- a) Functions of management b). Joint stock company

(5+5)
- a) Mail order business

b) Channels of distribution of drugs

(5+5)
- a) Factors for the selection of site of a retail sale store

b) layout design of a drug store

(5+5)
- a) Types of purchasing

b) Types of economic systems

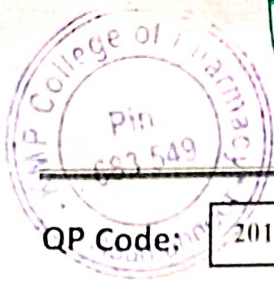
(5+5)
- a) Forms of business organization

b) Joint hindu family firm

(5+5)
- a) Co- operative societies

b) Merchantile agents

(5+5)



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QP Code: 2019/211/F1

Reg. No.:

II D. Pharm (2019 Batch) Degree I Sessional Examinations, Aug 2021

HOSPITAL AND CLINICAL PHARMACY

Time: 3 Hr.

Max. Marks: 80

- Answer any eight questions
- Draw diagrams wherever necessary

- Define hospital. What are the various functions of a hospital? (5+5=10)
 - Briefly explain the drug distribution system in a hospital (5+5=10)
- Classify hospitals on the basis of ownership and mention a few examples.
 - Describe the organizational chart of a hospital (5+5=10)
- Write short notes on –
 - Role of pharmacy department in a hospital
 - Physiotherapy Centre (5+5=10)
- Short note on
 - Classify hospitals based on diseases
 - Explain the importance of a nursing department in a hospital (5+5=10)
- Explain the significance of hospital manufacturing.
 - Briefly explain sterile manufacturing. (5+5=10)
- Define ADR. Discuss their significance in a health care system
 - Briefly explain some drug-induced diseases. (5+5=10)
- Short note on
 - Role of a pharmacist in rectifying the ADR
 - Enumerate the reasons for an adverse reaction in our body. (5+5=10)



- 8) a) Define the term clinical pharmacy and the scope in health care system
b) Explain “medication history” (5+5=10)
- 9) Explain the pathophysiology of
a) Rheumatoid arthritis
b) Tuberculosis (5+5=10)
- 10) Short note on
a) Requirements of sterile area
b) Mention the types of contamination that can occur in parenteral preparation. (5+5=10)