

DO NOT WRITE ANYTHINGS ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO.
QUESTION PAPER CONTAINING ANYTHINGS WOULD BE TREATED AS MALPRACTICE

Subject : PHARMACEUTICS – II (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. Write short notes on any five: [2x5]
 - A) i) Dentifrices ii) Cachets iii) Elixir iv) Douches v) Eutectic Mixtures
vi) Flocculating agents
 - B) Fill in the blanks with suitable words [1x10]
 - i) The strong purgatives should be avoided in women during -----
 - ii) Rectal suppository are generally made from -----
 - iii) Emulsifying agent reduce ----- between two phases
 - iv) Injection should be ----- Isotonic & free from foreign article
 - v) Milk is an example of ----- type of emulsion .
 - vi) A Liquified gas is used in the preparation of aerosol named -----
 - vii) Haemodialysis is done to remove ----- from the blood
 - viii) In nonflocculated suspension the particle exist as -----
 - ix) The maximum dose of potent drug is -----
 - x) Dusting powder is dispensed in ----- Container.
2. a) Define the term prescription . Describe in brief the various parts of prescription [2+10]
b) Write notes on WAFER capsule [3]
3. a) What is an ointment base? Clarify & Explain details about different types of ointment base [2+3+5]
b) Explain physical incompatibility with suitable examples [5]
4. a) Define the term Emulsion . What are the different types of emulsion ? Explain about various identification test for an emulsion. [2+1+7]
b) Write short notes on "Creaming" [5]
5. Explain the term posology . Discuss various factors that affect the dose of a drug. [2+9+4]
Write the **formula for Dilling** [5]
6. Define the term parenteral product. [2+13]
Discuss in brief the various test which are required to be done for the evaluation of parenteral preparation
7. Write short notes on any three [5x3]
 - a) Alkaloid incompatibility
 - b) Facial Cosmetics
 - c) Dusting Powder
 - d) Suspension
 - e) Eye Drop

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PHARMACEUTICAL JURISPRUDENCE- II (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. A) Define the following (Any Seven)

[2X7=14]

- i) Spurious drug ii) Cosmetics iii) Registered Pharmacist iv) Narcotic Drugs
v) Advertisements vi) Schedule P vii) Magic Remedy viii) Schedule X

B) Fill in the blanks

[1X6=6]

- i) A drug is deemed to be _____ if it is not labelled in the prescribed manner.
ii) The MTP act provides that pregnancies of women may be terminated by _____
iii) DTAB stands for _____
iv) The Central Drug Laboratory was established at _____
v) PCI is reconstituted every _____ year.
vi) Under Section _____ of the Drugs & Cosmetic Act, drug Inspector may be appointed.

2. Give the qualification and duties of

[8+7=15]

- i) Drug Inspectors
ii) Government Analyst

3. Write notes on

[7.5X2=15]

- i) Poison Act
ii) MTP Act

4. Discuss the constitution & function of Pharmacy Council of India. Write the penalty for falsely claiming to be registered Pharmacist.

[8+4+3=15]

5. Define ethics. Discuss the ethics that a pharmacist should observe in relation to his job & trade

[1+7+7=15]

6. Answer the following [Any Two]

[7.5X2=15]

- i) Write the offences & punishment laid down on contravention of NDPS act
ii) Write notes on Bonded laboratory.
iii) Write the constitution & function of DTAB.

7. Answer the followings

i) What kind of advertisement are prohibited under drug & magic remedies (Objectionable advertisement Act)

[10]

ii) Write notes on retail price calculation

[5]

2021

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DRUG STORE & BUSINESS MANAGEMENT- II (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. Define the following [2X10=20]
i) Buffer Stock ii) FIFO iii) Trade Discount iv) Overdraft v) Trial Balance
vi) Advertising vii) Book Keeping viii) Fixed Capital ix) Debiture x) Fund
2. What is Cash Book? Describe all types of Cash Book. How it is different from journal explain. [2-6-7=15]
3. Write short notes on [5X3=15]
i) Balance Sheet
ii) Types of Banks
iii) Market Research
4. Define the term Wholesaler. Explain the general functions & services rendered by the Wholesaler [2-7-6=15]
5. What is Inventory Control. Write its objectives & function. Describe about EOQ & ABC analysis [1-4-10=15]
6. What do you mean by commerce? Difference between trade & commerce. Explain the different component & Function of Commerce [2-5-8=15]
7. Journalize the following transactions [15]
a. Bought goods for cash Rs 600 -
b. Paid wages Rs 80 -
c. Sold goods Vadya Ram Rs 2000 -
d. Paid Manohar Rs 3000 -
e. Sold goods to Ramesh Rs 3400 -
f. Received from Chiranjevi Rs 1540 - & allowed him discount Rs 60 -
g. Paid Manohar Rs 3000 -
h. Sold goods to Chiranjevi Rs 1600 -
i. Harish started business with cash Rs 10000 -
j. Bought goods for Manohar Rs 5000 -

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HOSPITAL & CLINICAL PHARMACY- II (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. A) Define the following terms: [2X5=10]
i) Drug dependence ii) Idiosyncrasy iii) Universal Antidote iv) Drug Interaction v) Bioequivalence

B) Write the normal value of the following [1X5=5]

i) Fasting Blood Sugar Level

ii) BTCT

iii) Cholesterol

iv) ESR

v) Haemoglobin level in women

C) Write the full form of the following [4X5=20]

I) HEPA

II) DTAB

III) CUDD

IV) EOQ

V) MRI

2. What is PTC? Write the function of PTC & describe its role in drug safety & adverse drug reaction. [2+3+10=15]

3. Write short notes on the following [5X3=15]

i) Unit Dose Dispensing

ii) Drug food Interaction

iii) Teratogenicity

4. a) Describe the objectives & functions of Hospital Pharmacy Services [8]

b) Write about the requirements & abilities of Hospital Pharmacist [7]

5. Discuss the pathophysiology & clinical manifestation of (Any two) [7.5X2]

a) Peptic Ulcer

b) Epilepsy

c) Hepatitis

6. a) Explain the drug distribution systems in Hospitals for in-patients [10]

b) Write their Advantages & Disadvantages [5]

7. Write notes on:

i) Factors causing Noncompliance [7]

ii) Applications of computers in Hospital Pharmacy [8]

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Time -3 hrs

Full Mark -80

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| vi) Advertising | vii) Book Keeping | viii) Fixed Capital | ix) Debiture | x) Fault |
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 - Types of Banks
 - Market Research
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 - Sold goods to Vadva Ram Rs 2000 -
 - Paid Manohar Rs 3000 -
 - Sold goods to Ramesh Rs 3400 -
 - Received from Chiranjeevi Rs 1540 - & allowed him discount Rs 60 -
 - Paid Manohar Rs 3000 -
 - Sold goods to Chiranjeevi Rs 1600 -
 - Harish started business with cash Rs 10000 -
 - Bought goods for Manohar Rs 5000 -

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PHARMACEUTICAL CHEMISTRY - II (Theory)

Total Mark -50

Time -3 hrs

(Answer any five questions including question No. 1)

1. A) Write the structure of the heterocyclic ring with numbering & give suitable drug example [5x3]

- i) Piperazine ii) Quinoline iii) Piperidine iv) Pyrazole v) Imidazole
vi) Pyrimidine vii) Pyridine viii) Xanthine ix) Azepine x) Pteridine

B) Write the chemical structure & use of the following medicinal agents [2x5]

- i) Halothane ii) Lignocaine iii) Isoprenaline iv) Furosemide v) Chlorocresol

2. Write short notes on any three [5x3]

- i) Diagnostic agents ii) Anticoagulants iii) Antineoplastic agents iv) Hypoglycaemic agents

3. a) What do you mean by Tuberculosis? Classify Anti tubercular Drugs. Write the structure, nomenclature & uses of the following [2+4+6]

- i) Isoniazid ii) Ethambutol iii) Pyrazinamide

b) Write short notes on DOTS [3]

4. a) Define Antibiotics. Classify them with suitable example. [2+4]

b) Write the structure, nomenclature & uses of the following [3x3]

- i) Benzyl Penicillin ii) Ampicillin iii) Phenoxy Methyl Penicillin

5. a) Define and Classify Diuretics. [2+4]

b) Write the structure, Nomenclature & uses of [3x3]

- i) Furosemide ii) Hydrochlorothiazide iii) Mannitol

6. Write short notes on any three: [5x3]

- i) Antihistaminic Agents ii) Antimalarial agents iii) Analeptics iv) NSAIDS

7. Write the structure, Nomenclature & uses of any five of the followings:

- a) Aspirin [5x3]
b) Diazepam
c) Chlorpropamide
d) Thyroxine
e) Imipramine
f) Adrenaline
