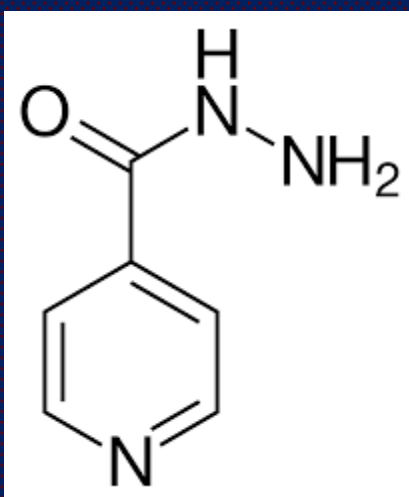


PHB

Question Paper Series

D. Pharma (Second Year)

Pharmaceutical Chemistry -II



By: Dr. A. K. Gupta

Publishing Partner

Association of Pharmaceutical Teachers of India (U.P.)

&

The Association of Young Pharma Professionals

Pharmaceutical Chemistry – II

D. Pharma (Second Year)

PHB Question Paper Series

First Edition: 14 January 2021

By:

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(M.Pharm, PDCR, M.Sc & Ph.D)

(GATE 2003 97.22 Percentile)

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Preface

It is with great pleasure that we introduce the PHB question paper series “Pharmaceutical Chemistry – II” for D. Pharma students. The PHB question paper series try to prepare and collect the question papers of technical board. In future PHB add the question paper of various universities in this series.

All efforts have been made to keep the text error-free. Any suggestions and constructive comments would be highly appreciated and incorporated in the future edition. My sincere thanks are due to my colleagues for their valuable comments and suggestions.

Dr. A. K. Gupta

Dedicated

to

My Family

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**D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2201**

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FOUR of the following:

16

- a) Define following terms (any two):
 - (i) Bacteriocidal
 - (ii) Antineoplastics
 - (iii) Anticoagulants
- b) Give the structure and numbering method for following (any two):
 - (i) Benzothiophene
 - (ii) Acridine
 - (iii) Quinoline.
- c) Give the uses of (any two):
 - (i) Sulphadiazine
 - (ii) Cisplatin
 - (iii) Imepamine
- d) Give the brand names of (any two):
 - (i) Nitrofurantoin
 - (ii) Tetracycline
 - (iii) Busulphan
- e) Give the names of two drugs from the following categories (any two):
 - (i) Antiseptic and Disinfectant
 - (ii) Steroidal Drugs
 - (iii) Diuretic Drugs

- f) Write uses of (any two):
- (i) Evans blue
 - (ii) Congo Red
 - (iii) Lophanic Acid

2. Attempt any FOUR of the following:

16

- a) What is Analeptics? Explain mechanism of action and give two brand names of theophylline.
- b) Define “neoplasm” and classify antineoplastic agents.
- c) Explain diabetes mellitus. Classify hypoglycemic agents with examples.
- d) Name the drug used in (any two):
 - (i) Depression
 - (ii) Leprosy
 - (iii) Gout
 - (iv) Parkinsonism.
- e) Define Diuretic drugs. Write the uses of Furosemide and Hydrochlorothiazide.

3. Attempt any FOUR of the following:

16

- a) Define Non – steroidal anti – inflammatory drugs. Classify them.
- b) Draw the structure of Penicillin nucleus. Write uses of Amoxicillin.
- c) Define “Cardiovascular agent”. Classify them based on their therapeutic uses with examples.
- d) What is Histamine? Give structure and uses of any antihistaminic agent.
- e) Give the structure and uses of (any two):
 - (i) Penicillin G
 - (ii) Chloroquine
 - (iii) Phenytoin

4. Attempt any FOUR of the following:

16

- a) Define and classify Cholinergic antagonists.
- b) Define the term Cardiotonic. Write about their hydrolysis products.
- c) Define Antidepressant. Give structure and uses of Imipramine.
- d) Give the structure, chemical name and uses of Dapsone.
- e) Define CNS stimulants. Discuss their uses and draw structure of Coramine.

5. Attempt any FOUR of the following:

16

- a) What is Amoebiasis? Write structure and uses of Metronidazole.
 - b) Define and classify General Anaesthetics based on their route of administration.
 - c) Define antibiotics. Give structure preparation and uses of Benzyl Penicilline.
 - d) Define Local Anaesthetics. Write structure and chemical name of procaine hydrochloride.
 - e) What are Antihyperlipidemic Agents? Give properties and brand names of Clofibrate.
-

D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2202

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FOUR of the following:

16

a) Define following terms (any two):

(i) Disinfectants

(ii) Steroidal Drugs

(iii) Antihypertensives

b) Give the structure and numbering method for following (any two):

(i) Indole

(ii) Oxetane

(iii) Coumarin

c) Give the uses of (any two):

(i) Ceftriaxone

(ii) Oestradiol

(iii) Halothane

d) Give the stability – storage condition of (any two):

(i) Proflavin

(ii) Cisplatin

(iii) Nitrofurantoin

e) Give the brand names of (any two):

(i) Amoxicillin

- (ii) Tetracycline
 - (iii) Aspirin.
- f) Give the names of two drugs from the following categories (any two):
- (i) Narcotic Analgesics
 - (ii) Antihypertensives
 - (iii) Antihistaminics

2. Attempt any FOUR of the following:

16

- a) What is adrenergic antagonist? Explain mechanism of action and give two brand names of Propranolol.
- b) Define Anthelmintic. and classify anthelmintic drugs.
- c) Explain Antifungal agents. Classify Antifungal agents with examples.
- d) Give structure, properties and uses of 'Chlorpromazine'.
- e) Name the drug used in (any two):
 - (i) Psychosis
 - (ii) Tuberculosis
 - (iii) Amoebiasis
 - (iv) Cardiomyopathy

3. Attempt any FOUR of the following:

16

- a) Discuss in detail about Proflavine.
- b) Give the introduction and classification of sulphonamides.
- c) Write a short note on Isoniazid and PAS.
- d) Discuss about any three antiamoebic drug.
- e) Give the structure and uses of (any two):
 - (i) Ampicillin
 - (ii) Halothane
 - (iii) Phenytoin
 - (iv) Hydrochlorthiazide

4. Attempt any **FOUR** of the following:

16

- a) Classify the antibiotic on the basis of action, spectrum and chemical structure with suitable example.
- b) Define the term Cardiotonic. Write about their hydrolysis products.
- c) Define Antidepressant. Give structure and uses of Imipramine.
- d) Give the structure, chemical name and uses of Dapsone.
- e) Draw the structure from the chemical name and name the drugs:
 - (i) 4 -amino salicylic acid
 - (ii) Pyridine – 4- carbohydrazide

5. Attempt any **FOUR** of the following:

16

- a) Define mixed Amoebicides? Classify the Antiamoebic drugs with suitable example.
 - b) Discuss the direct acting sympathomimetic drugs.
 - c) Define Aminoglycosides antibiotics. Give properties, uses and storage conditions of Gentamycin.
 - d) Give structure, properties, uses and brand names of Phenobarbitone.
 - e) Write a note on selective β_1 – adrenergic antagonists.
-

D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2203

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks**1. Attempt any FOUR of the following:****16**

a) Define following terms (any two):

- (i) Antileprotic
- (ii) Anticonvulsants
- (iii) Hypnotics

b) Give the structure and numbering method for following (any two):

- (i) Purine
- (ii) Thiazole
- (iii) Hydantoin

c) Give the uses of (any two):

- (i) Clofazimine
- (ii) Methimazole
- (iii) Nitrazepam

d) Give the brand names of (any two):

- (i) Cyclophosphamide
- (ii) Co-trimoxazole
- (iii) Dapsone

e) Give the names of two drugs from the following categories (any two):

- (i) Cholinergic Agonists
- (ii) Potassium Sparing Diuretics

(iii) H₁ – Antagonists

f) Give the structure and uses of (any one):

(i) Furosemide

(ii) Caffeine

2. Attempt any FOUR of the following: 16

- a) Classify the sulphonamide drug on the basis of duration of action and Pharmacological action.
- b) Write the chemical structure and uses of any two first line antitubercular drug.
- c) Explain any one drug of systemic amoebicides.
- d) Write the short note on Benzimidazole anthelmintic drug.
- e) Draw the structure and write the IUPAC name of drug (any two):
 - (i) Lignocaine
 - (ii) Menadione
 - (iii) Diphenhydramine
 - (iv) Cyclopropane

3. Attempt any FOUR of the following: 16

- a) Write the short note on Macrolide antibiotic.
- b) Give the brief description of Antifungal antibiotic.
- c) Classify the Antimalarial drug based on the affected Plasmodial stages.
- d) Give the brief description of Rauwolfia alkaloids Tranquilizers.
- e) Classify urea derivatives Sedative and Hypnotics with example.

4. Attempt any FOUR of the following: 16

- a) Define and classify General Anaesthetics.
- b) Define the term Sympathomimetic agents. Write a note on Salbutamol.
- c) Write a note on Cholinergic Alkaloids.
- d) Give the structure, chemical name and uses of Clofazimine.
- e) Explain the Neuromuscular blockers.

5. Attempt any FOUR of the following:

16

- a) What are Carbonic anhydrase inhibitors? Write structure and uses of Acetazolamide.
 - b) Write the note on Biguanides Hypoglycaemic agents.
 - c) Write a short note on Heparin and Warfarin sodium.
 - d) Give the brief description of H₂ Antagonists.
 - e) Classify the non selective COX inhibitor NSAIDs.
-

D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2204

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FOUR of the following:

16

a) Define following terms (any two):

- (i) Antitubercular Drug
- (ii) Tranquilizers
- (iii) Antiarrhythmic

b) Give the structure and numbering method for following (any two):

- (i) Imidazole
- (ii) Pyrimidine
- (iii) Indole

c) Give the uses of (any two):

- (i) Rifampicin
- (ii) Ibuprofen
- (iii) Chlordiazepoxide

d) Give the stability – storage condition of (any two):

- (i) Isoniazid
- (ii) Methyprylon
- (iii) Diethyl Ether

- e) Give the structure and uses of (any one):
- (i) Atropine
 - (ii) Chlorpheniramine

2. Attempt any FOUR of the following: 16

- a) Write the mode of action of antifungal drug.
- b) Give the properties, storage and uses of liquefied phenol.
- c) Explain diabetes mellitus. Classify hypoglycemic agents with examples.
- d) Define and classify antimalarials with suitable example.
- e) Define Cholinergic drugs. Write the uses of Pilocarpine and Physostigmine.

3. Attempt any FOUR of the following: 16

- a) Write the mode of action of sulphones derivative antileprotic drugs.
- b) Define antibiotics. What do you mean by narrow and broad spectrum antibiotics?
- c) Define and classify antifungal agents with suitable examples.
- d) Write the short note on idoquinol antiamoebic drug.
- e) What is helminthiasis? Define anthelmintics with example.

4. Attempt any FOUR of the following: 16

- a) What is tuberculosis? Classify antitubercular drugs with example.
- b) Write the short note on Vinca – alkaloids.
- c) Define and classify Local anaesthetics.
- d) Give the brief description of ultra short acting Barbiturates General anaesthetics.
- e) Classify the hypnotics and sedative with suitable examples.

5. Attempt any FOUR of the following: 16

- a) What is hydantoin? Write a note on Phenytoin.
- b) Write a note on xanthine derivative used as CNS stimulant.
- c) Define anti-inflammatory drugs. Write a note on Indomethacin drug.
- d) What are Catecholamines? Write the note on Adrenaline.
- e) Define antithyroid drug and give brief description of Methimazole.

D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2205

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FOUR of the following:

16

a) Define following terms (any two):

(i) Hypoglycemic Agents

(ii) Analgesics

(iii) Antiamoebic Drug

b) Give the structure and numbering method for following (any two):

(i) Benzofuran

(ii) Xanthine

(iii) Pyrrole

c) Give the uses of (any two):

(i) Paracetamol

(ii) Proflavin

(iii) 5-Fluorouracil

d) Give the stability – storage condition of (any two):

(i) Methohexital Sodium

(ii) Ibuprofen

(iii) Lidocaine

- e) Give the brand names of (any two):
 - (i) Paracetamol
 - (ii) Propranolol
 - (iii) Mannitol
- f) Give the structure and uses of any two Diuretic drugs.

2. Attempt any FOUR of the following:**16**

- a) Give the properties, storage and uses of benzalkonium chloride and Cetrimide.
- b) Give the structure, chemical name, properties, uses of antimalarial drug which is a derivative of 2,4-diamino pyrimidine.
- c) Write the mode of action of Antitubercular drug.
- d) What are penicillins? Explain the basic structure of penicillin and 6- amino penicillanic acid.
- e) State structure, chemical name, uses, preparation of sulphadiazine.

3. Attempt any FOUR of the following:**16**

- a) Write a note on clofazimine.
- b) Write a short note on:
 - (i) Nystatin
 - (ii) Amphotericin B
- c) Write a note on diloxanide furoate.
- d) Write a note on piperazine hydrate.
- e) Define and classify diuretics with examples.

4. Attempt any FOUR of the following:**16**

- a) Write a Note on Isoniazid(INH) drug.
- b) Write the mode of action of Busulphan anticancer drug.
- c) Write the mode of action of 2,6- xylidene or lignocaine.
- d) Write a note on gaseous General anaesthetics.
- e) Write the short note on Phenobarbitone.

5. Attempt any FOUR of the following:

16

- a) What is Antiepileptics? Classify with suitable examples.
 - b) Give the brief description of Nikethamide.
 - c) Write a short note on Aspirin.
 - d) Write a short note on Salbutamol Drug.
 - e) Write the structure, properties and uses of Glibenclamide.
-

**D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2206**

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks**1. Attempt any FOUR of the following:****16**

a) Define following terms (any two):

- (i) Coagulants
- (ii) Antithyroids
- (iii) Analeptics

b) Give the structure and numbering method for following (any two):

- (i) Pyrazole
- (ii) Isoxazole
- (iii) Cinnoline

c) Give the uses of (any two):

- (i) Emetine
- (ii) Pilocarpine
- (iii) Proguanil

d) Give the stability – storage condition of (any two):

- (i) Digitoxin
- (ii) Spironolactone
- (iii) Chlorambucil

e) Give the brand names of (any two):

- (i) Morphine

- (ii) Azithromycin
- (iii) Frusemide
- f) Give the names of two drugs from the following categories (any two):
 - (i) Antiarrhythmic agents
 - (ii) Sulphonamide Diuretics
- g) Write uses of (any two):
 - (i) Evans blue
 - (ii) Congo red

2. Attempt any FOUR of the following: 16

- a) Write a note on chlorocresol.
- b) Write a note on sulphonamide used in eye infection.
- c) Write the mode of action of Antileprotic drug.
- d) Give the details of antimalarial drug which is a derivative of 4- amino quinoline.
- e) Write a note on benzyl penicillin (Penicillin – G).

3. Attempt any FOUR of the following: 16

- a) What is DDS? Give its structure, chemical name and properties.
- b) Classify the antifungal antibiotic with explanation of Griseofulvin.
- c) Name the antiamoebic agent which is a derivative of 5- nitroimidazole. Give its structure, chemical name, properties and uses.
- d) Give the properties, stability, storage and uses of mebendazole.
- e) Write a note on sulphamoyl diuretics.

4. Attempt any FOUR of the following: 16

- a) What is PAS? Give its structure, IUPAC name and uses.
- b) Write the note on Chlorambucil drug.
- c) Give the structure, chemical name and uses of Benzocaine.
- d) Give the brief description of halogen derivative General anaesthetic.
- e) Give the Structure, properties and uses of Glutethimide.

5. Attempt any FOUR of the following:

16

- a) Give the brief description of Tricyclic Antidepressants.
 - b) Write a short note on Theophylline.
 - c) Write the mode of action of Narcotic analgesics.
 - d) Write the mode of action of Ephedrine drug.
 - e) Give the details of Hypoglycemic agent in the reference of sulphonyl urea.
-

**D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2207**

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks**1. Attempt any FOUR of the following:****16**

- a) Define following terms (any two):
 - (i) Thyroxine
 - (ii) Sedative
 - (iii) Adrenergic Drugs
- b) Give the structure and numbering method for following (any two):
 - (i) Benzothiazole
 - (ii) Pyridine
 - (iii) Isoquinoline
- c) Give the uses of (any two):
 - (i) Cloxacillin
 - (ii) Metformin
 - (iii) Metronidazole
- d) Give the stability – storage condition of (any two):
 - (i) Betamethasone
 - (ii) Prazosin
 - (iii) Cyclopropane

- e) Give the names of two drugs from the following categories (any two):
 - (i) Coagulants
 - (ii) Diuretics
 - (iii) Cardiotonic
- f) Give the names of two diagnostic agents for Kidney function test.

2. Attempt any FOUR of the following: 16

- a) Write a short note on Co-trimoxazole.
- b) Describe in brief quinine.
- c) Explain diabetes mellitus. Classify hypoglycemic agents with examples.
- d) Write the mode of action of Antiseptic and disinfectants.
- e) Give the structure, chemical name, properties and uses of Ampicillin.

3. Attempt any FOUR of the following: 16

- a) Write in brief about emetine as antiamebic agents.
- b) Write the mode of action of antifungal drugs.
- c) Classify the cardiovascular drug based on their therapeutic uses with examples.
- d) Give structure and uses of any two antihistaminic agents.
- e) Give the structure, chemical name and uses of Clofazimine.

4. Attempt any FOUR of the following: 16

- a) Write the short note on pyrazinamide as an antitubercular agent.
- b) Write the mode of action of Cisplatin anticancer drug.
- c) Write the mode of action of Procaine.
- d) Write the structure, properties, stability and uses of diethyl ether.
- e) What are antipsychotics? Classify with suitable example.

5. Attempt any FOUR of the following: 16

- a) Write the short note on MAO inhibitor Antidepressants.
- b) Write the mode of action of Picrotoxin CNS stimulant.
- c) Write a note on Morphine and Pentazocin Drug.
- d) Define and classify antiadrenergics with suitable examples.
- e) Write a short note on Atropine drug.

D. Pharm Second Year
Pharmaceutical Chemistry – II
Practice Paper
Paper Code: PHB2208

3 Hours / 80 Marks

Roll No.

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Instructions – (1) All Questions are *Compulsory*.

(2) Answer each next main Question on a new page.

(3) Figures to the right indicate full marks.

(4) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks**1. Attempt any FOUR of the following:****16**

a) Define following terms (any two):

(i) Cholinergic Drugs

(ii) Histamine

(iii) General Anaesthetics

b) Give the structure and numbering method for following (any two):

(i) Oxazine

(ii) Furan

(iii) Quinoline

c) Give the uses of (any two):

(i) Nystatin

(ii) Terbutaline

(iii) Coramine

d) Give the stability – storage condition of (any two):

(i) Haloperidol

(ii) Chloroquine

(iii) Glyceryl trinitrate

- e) Give the brand names of (any two):
 - (i) Antihistaminic agents.
 - (ii) Nicotinic Acid
 - (iii) Procainamide
- f) Give the names of two diagnostic agents for liver function test.

2. Attempt any FOUR of the following: 16

- a) Write the mode of action of sulpha drugs.
- b) Define and classify antimalarials with suitable example.
- c) Explain diabetes mellitus. Classify hypoglycemic agents with examples.
- d) Give the properties, storage, uses and preparations of:
 - (i) Gentamycin
 - (ii) Tetracycline
- e) Classify the antifungal drug with suitable examples.

3. Attempt any FOUR of the following: 16

- a) What is leprosy? Classify antileprotics giving suitable example.
- b) Draw the structure of steroidal nucleus with numbering. Write uses of testosterone.
- c) What is Amoebiasis? Classify antiamoebic agents.
- d) What is DEC? Give the details of DEC.
- e) Write the mode of action of Diuretic agents.

4. Attempt any FOUR of the following: 16

- a) Write a note on Rifampicin and Streptomycin drug.
- b) Define anticancer agents. Classify with suitable examples.
- c) Write the short note on Cinchocaine.
- d) Define and classify General Anaesthetics based on their route of administration.
- e) Write the mode of action of Chlorpromazine Antipsychotic Drug.

5. Attempt any FOUR of the following:

16

- a) Write a note on Imipramine drug.
 - b) Define Local Anaesthetics. Write structure and chemical name of procaine hydrochloride.
 - c) Classify the Narcotic Analgesics with suitable example.
 - d) Give the brief description of Cholinergics drugs.
 - e) Write the short note on Progesterone drug.
-

Roll No.....

Code No. : PHB2209

ANNUAL EXAMINATION – 2018

[Final Year] Two Years Diploma Course in Pharmacy [214]

PHARMACEUTICAL CHEMISTRY – II

Time: 3.00 Hours]

[Maximum Marks: 80

NOTES:

- i) Attempt ALL questions.
- ii) Students are advised to specially check the Numerical Data of question papers.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Write short notes on any two of the following: [2x8=16]

- a) Sulphonamides
- b) Isoniazid (INH)
- c) Metronidazole
- d) Diagnostic Agents

Q2) Discuss any two of the following: [2x8=16]

- a) Cotrimoxazole
- b) Antifungal drugs
- c) Antitubercular drugs
- d) NSAIDs

Q3) Write in detail about any two of the following: [2x8=16]

- a) Cholinergic drugs
- b) Cardio vascular drugs
- c) Loop Diuretics
- d) Antipyretics

Q4) Give physical, chemical properties, chemical structure and uses of any four of the following: [4x4=16]

- a) Pyrimetamine
- b) Caffeine
- c) Metformin
- d) Lignocaine
- e) Aspirin

Q5) Write the popular marketed brand names and chemical structure of any four of the following:

[4x4=16]

- a) Indomethacin
- b) Paracetamol
- c) Cisplatin
- d) Propranolol
- e) Amodiaquine

Roll No.....

Code No. : PHB2210

ANNUAL EXAMINATION – 2019

[Final Year] Two Years Diploma Course in Pharmacy [214]

PHARMACEUTICAL CHEMISTRY – II

Time: 3.00 Hours]

[Maximum Marks: 80

NOTES:

- i) Attempt ALL questions.
- ii) Students are advised to specially check the Numerical Data of question papers.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Write short notes on any two of the following: [2x8=16]

- a) Analgesic drugs
- b) Local Anesthetics
- c) Diuretic drugs

Q2) Discuss any two of the following: [2x8=16]

- a) Antibiotics
- b) Hypoglycemic agents
- c) Antitubercular drugs

Q3) Write in detail about any two of the following: [2x8=16]

- a) Adrenergic drugs
- b) Cardio vascular drugs
- c) Antineoplastic drugs

Q4) Give physical, chemical properties, chemical structure and uses of any four of the following: [4x4=16]

- a) Penicillin
- b) Isoniazid
- c) Dapsone
- d) Atropine
- e) PAS

Q5) Write the popular marketed brand names and chemical structure of any four of the following:

[4x4=16]

- a) Phenobarbitone
- b) Paracetamol
- c) Sulfacetamide
- d) Chloroquine
- e) Chlorpropamide

Roll No.....

Code No. : PHB2211

ANNUAL EXAMINATION – 2020

[Final Year] Two Years Diploma Course in Pharmacy [214]

PHARMACEUTICAL CHEMISTRY – II

Time: 3.00 Hours]

[Maximum Marks: 80

NOTES:

- i) Attempt ALL questions.
- ii) Students are advised to specially check the Numerical Data of question papers.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

Q1) Discuss any two of the following: [2x8=16]

- a) Diagnostic agents
- b) General Anesthetics
- c) Antidepressant drugs

Q2) Answer any two of the following: [2x8=16]

- a) Define and classify antibiotics with suitable examples.
- b) Describe briefly about Anti – Neoplastic drugs.
- c) Define sulfonamides with examples. Write a note on cotrimoxazole.

Q3) Write in detail about any two of the following: [2x8=16]

- a) Anticholinergics
- b) Antithyroid drugs
- c) Anti fungal drugs

Q4) Give physical, chemical properties, chemical structure and uses of any four of the following: [4x4=16]

- a) Aspirin
- b) Diethyl ether
- c) Procaine
- d) Chlorpromazine
- e) Propranolol

Q5) Write the popular marketed brand names and chemical structure of any four of the following:

[4x4=16]

- a) Rifampicin
- b) Metronidazole
- c) Diazepam
- d) Salbutamol
- e) Ibuprofen



Editor-in-Chief
(M. Pharm, PDCR & Ph.D)
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