

Dr. Rafiq Zakaria Campus
Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

Un-Aided Unit

Ist Sessional Exam Oct-2014

Subject: PHARMACEUTICS-II

Class: D. Pharm II Year

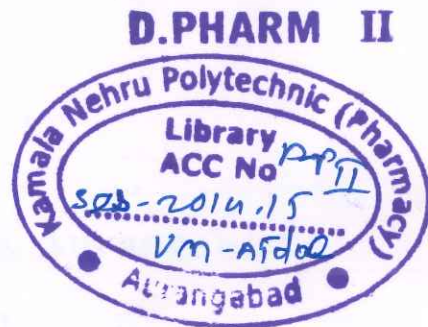
Date: 18/10/2014

Max.Marks: 20

Time: 1 Hr

Note: Q.1 Compulsory. Solve any four out of remaining. Each question carry equal marks.

- Q1. In what proportion 35%, 45%, 60% and 90% alcohol be mixed to make 100 ml of 55% alcohol?
- Q2. Write a note on Dusting powder?
- Q3. Define Prescription Explain the various parts of prescription. Give an example of a typical prescription.
- Q4. Define physical incompatibility. what are the various type of physical incompatibility, there causes & how can they removed?
- Q5. Explain the terms. 1) Tolerance 2) synergism 3) Antagonism 4) Idiosyncrasy.
- Q6. Translate in & convert in metric system. 1) Doler urgente 2) Nocte maneque 3) Haustus 4) Bis in die 5) 1- Gallon = ml. 6) 25gr=mg. 7) 10 drops=ml/minims. 8) 3-Pint=ML.
- Q7) Define powder. Classify the powder with example.



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Ist Sessional Exam Oct-2014

Subject: Pharmaceutical Chemistry II

D. Pharm II Year
11/10/2014

Subject code: PC02

Max.Marks: 20
Time: 12:00-01:00 PM

All question carry equal marks. Solve any 5 questions.

A) Draw the structures of following heterocycles (any 4)

Pyrole ii) Imidazole iii) Aziridine iv) Furan v)Quinoline .

Define Antiseptic & Disinfectant and give its chemical classification with example.

Define & Classify Antibiotics chemically.

Explain life cycle of Malarial Parasite

Name micro-organism causing TB. Classify anti-tubercular agents giving example of each class.

Write a note on co-trimoxazole.

Draw the structure of following drugs (any 4)

Metronidazole ii)Chloroquine iii) Ampicillin iv) Chlorocresol v) Sulphacetanide

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Ist Sessional Exam Oct-2014

Subject: Pharmaceutical Chemistry II

D. Pharm II Year
11/10/2014

Subject code: PC02

Max.Marks: 20
Time: 12:00-01:00 PM

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1st Sessional Exam Oct-2014

Subject: PHARMACOLOGY AND TOXICOLOGY

D Pharm Second Year
14/10/2014

Subject code: P&T

Max.Marks: 20
Time: 1 Hr

All Questions carry equal marks i.e five marks

A) Define any five.

- i) pharmacokinetics ii) sedative iii) Antiepileptic iv) therapeutic index v) synergism
vi) analgesic vii) general anaesthesia viii) cumulation

Write short note on any two.

- i) drug tolerance ii) stages of anaesthesia iii) types of antagonism iv) routes of administration.
v) factors affecting drug absorption.

Attempt any two

Write classification of NSAID'S

Write classification of sedatives and hypnotics

Give reason why phenytoin and phenobarbitone are given in combination

Give reason why morphine is contraindicated in head injury

Write dose,route of administration, adverse effects and uses of any five drugs

- i) adrenaline ii) aspirin iii) phenytoin iv) morphine v) atropine vi) chlorpromazine vii) diazepam
viii) paracetamol

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Ist Sessional Exam Oct-2014

Subject: Pharmaceutical Jurisprudence

D. Pharm II Year
13/10/2014

Subject code: PHJ

Max.Marks: 20
Time: 12:00-01:00 PM

question carry equal marks. Solve any 5 questions.

Enumerate the recommendations of Drug Enquiry Committee?

Define the terms i) Repatiate ii) UGC iii) Central council ?

Define Ethics & Explain ethics for Pharmacist in relation to his job ?

What are Education Regulations Given by PCI ?

Mention offences & penalties under the Poisons Act 1919 ?

Give the constitution of Pharmacy Council of India ?

Explain objectives of Pharmaceutical legislation in India?

Write about Offences & penalties under Pharmacy Act 1948 ?

Un-Aided Unit

Ist Sessional Exam Oct-2014

Subject: Drug Store & Business Management

Class: D. Pharm Second Year

Date: 17/10/2014

Max.Marks: 20

Time: 1 Hr

Note: Solve any five. Each question carry equal marks.

- Q.1) Define Business. Give its essential features & classifications.
- Q.2) Give flow chart of forms of business organizations. Give Merits & Demerits of JHFS.
- Q.3) Distinguish between Sole proprietorship, Partnership & Company form of business organization.
- Q.4) What do you mean by Functional middlemen. Enlist its types & write note on Itinerant retailers.
- Q.5) Define Management. Explain various functions of management.
- Q.6) Classify wholesalers. Write a note on Super distributors.
- Q.7) Give the flow chart of channels of distributions. Define Middleman.

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1st Sessional Exam Oct-2014

Subject: Hospital & Clinical Pharmacy

D. Pharm Second Year

16/10/2014

Subject code: HCP

Max.Marks: 20

Time: 1 Hr

1) A) Define any three.

i) Additives ii) Buffering agents iii) Anti oxidants iv) Sterilization

Write short note on any one.

1) Laminar air flow ii) Name additives added to parentral products.

2) A) Define Hospital & give its classifications. OR Give organization chart of Hospital.

B) Define Hospital Pharmacy & give its function. OR Give flow chart of Patient.

3) A) Define any three.

i) Out patient ii) Referred out patient iii) Emergency out patient iv) Ambulatory patient

B) Define Unit dose dispensing & give its advantages. OR Give any 4 criteria for selecting non charge floors stock drug.

4) A) Define a Modern Hospital. What various functions it performs. OR Describe layout of Sterile product area.

B) Short notes on Bedside Pharmacy. OR Short notes on production facility area.

Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

1st Sessional Exam Oct-2014

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Class: D. Pharm Second Year

Date: 16/10/2014

Subject code: HCP

Max.Marks: 20

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IInd Sessional Exam 2015

Subject: Pharmaceutics II

Class: D. Pharm IInd Year

(Un-Aided)

Date: 17/01/2015

Max.Marks: 20

Time: 1 Hr

Note: Solve any five questions. Each question carries equal marks.

- Q.1) Define the term Ointment base & explain absorption type of ointment base.
- Q.2) Define Primary Emulsion and give examples of primary & secondary emulsifying agents.
Explain Wet gum method for preparing acacia emulsion on small scale.
- Q.3) Write a note on Jellis & Poultrices.
- Q.4) Differentiate between flocculated & non-flocculated suspensions.
- Q.5) What is cracking of emulsion. Give factors responsible for it.
- Q.6) Differentiate between paste and ointments.
- Q.7) Define the following:
i) Gargls ii) Throatpaint iii) Mouth wash iv) Ear drop.

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(Un-Aided)

Date: 17/01/2015

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IInd Sessional Exam 2015

Subject: Pharmaceutical Chemistry II

Class: D. Pharm IInd Year

Date: 14/01/2015

Max.Marks: 20

Time: 1 Hr

Solve any five questions. Each question carry equal marks.

Define the following:

i) Sedative hypnotic ii) Diuretics iii) Sympathomimetic iv) Thymoleptic

Give chemical classification with example for the following:

i) Antiepileptic drugs ii) Diuretics

Explain chemistry of Caffeine or Diazepam.

Give the structure, properties, uses of (any 2): i) Chlorpromazine ii) Atropine iii) Haloperidol

Give chemical classification of Adrenergic drugs with examples.

What are Osmotic diuretics. Give structure, properties & uses of Mannitol.

What are Analeptics. Give uses of Caffeine.

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IInd Sessional Exam 2015

Subject: Pharmaceutical Jurisprudence

Class: D. Pharm IInd Year (Un-Aided)

Date: 12/01/2015

Max.Marks: 20

Time: 1 Hr

Note: Solve any five questions. Each question carry four marks.

Define the following terms.

Dutiable goods ii) Advertisement

Explain the formula to calculate the retail price of formulations as per DPCO 1995.

Define Bonded laboratory and give layout of bonded laboratory.

Define Bulk drugs and explain how the retail price of the split quantities of drugs are calculated as per DPCO.

Give the classes of prohibited advertisements according to drugs and magic remedies act.

Give the objectives of;

Medicinal and toilet preparation act 1955.

Drug price control order ac 1955.

Give any three offences and penalties there under by Medicinal & Toilet preparations act 1955.

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IInd Sessional Exam 2015

Subject: Pharmaceutical Jurisprudence

Class: D. Pharm IInd Year (Un-Aided)

Date: 12/01/2015

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IInd Sessional Exam 2015

Subject: Drug Store and Business Management

Class: D. Pharm IInd Year

Date: 16/01/2015

Max.Marks: 20

Time: 1 Hr

Note: Solve any five questions. Each question carries equal marks.

- Q.1) Define Market research. Explain its steps.
- Q.2) Write a note on Perpetual inventory system.
- Q.3) Explain various functions of Bank.
- Q.4) Give the importance of Training? Explain various methods of Training.
- Q.5) Define: i) Lead time ii) Scrap iii) EOQ iv) ICC
- Q.6) Write a note on: i) Overdraft facility ii) Cash credit
- Q.7) Enlist various modern techniques of Inventory control. What are various sources of recruitment?
- Q.8) Write a note on various sources of Finance.

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15-1-2015

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Un-Aided Unit

IInd Sessional Exam Jan-2015

Subject: Hospital & Clinical Pharmacy

Class: D. Pharm IInd Year
Date: /01/2015

Max.Marks: 20
Time: 1 Hr

-
- 1) Write functions of PTC. (2)
- 2) Define Clinical Pharmacy. Write its scope & objective in hospital. (3)
- 3) Write advice for commonly used drugs. (any two) (2)
- i) Aspirine ii) Phenolphthalin iii) Anti diabetic
- 4) Give causative agents for Tuberculosis, Pathophysiology, Sign & Symptoms. (3)
- 5) Write short notes on any four. (8)
- i) Hospital formulary ii) Role of pharmacist in patient compliance iii) Testing of raw materials
- iv) Surgical instrument v) Translate following: a) Libra b) Charta c) Nebula d) Haustous.
- 6) Define any two. (2)
- i) OTC product ii) Generic name iii) Antipyretic.

Kamala Nehru Polytechnic (Pharmacy), Aurangabad. ✓

IIIrd Sessional Exam March 2015

Subject: Pharmaceutics II

Class: D. Pharm IInd Year (Un-Aided)

Date: 23/03/2015

Max.Marks: 20

Time: 1 Hr

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

- Q.1) Define Cosmetic. Give the classification with example in brief.
Q.2) Write a short note on: i) TPN ii) Dialysis fluid
Q.3) Define Jallis. Give the classification in brief.
Q.4) Define Suppositories. Give the classification of bases with example in brief.
Q.5) Define displacement value. Calculate the displacement value of Zinc oxide from the following data.
i) Wt. of 8 unmedicated suppositories -8-gm.
ii) Wt. of 8 suppositories containing 40% of Zinc oxide -8-gm.
Q.6) What are general requirements of parenteral dosage form. Describe the leakage test for evaluation of parenteral.
Q.7) Mention the ideal properties of eye drops along with container of choice for eye drops & its method of sterilization of eye drops.

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IIIrd Sessional Exam March 2015

Subject: Pharmaceutics II

Class: D. Pharm IInd Year (Un-Aided)

Date: 23/03/2015

Max.Marks: 20

Time: 1 Hr

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

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IIIrd Sessional Exam March 2015

Subject: Pharmaceutical Chemistry - II

Class: D. Pharm IInd Year

Date: 18/03/2015

Max.Marks: 20

Time: 12:00 – 01:00 PM

Q.1) Attempt any four. Each question carry two marks (08)

- a) In what dosage form the following drugs are given i) Aspirin ii) Insulin
- b) Define the following terms: i) Cardiotonic ii) Coagulants
- c) Give uses of: i) Diphenhydramine ii) Nitro glycerine
- d) Write the structure of the following drugs: i) Phenformine ii) Aspirin
- e) Write brand names of: i) Ibuprofen ii) Pheniramine
- f) Give chemical classification of Harmones.

Q.2) Attempt any four. Each question carry three marks. (12)

- i) Write uses of Indigocarmine, Evans blue, Congored.
- ii) Define & classify Vitamins & give uses of Vit A.
- iii) What is Diabeties Mellitus? Give structure, properties & uses of Insulin.
- iv) Define steroids & give structure of different steroidal rings from C17-C27.
- v) Define Cardiotonics & give hydrolysis of Digitoxin & Digoxin.

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IIIrd Sessional Exam March 2015

Subject: Pharmaceutical Chemistry - II

Class: D. Pharm IInd Year

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IIIrd Sessional Exam March 2015

Subject: P&T (Un-Aided Unit)

Class: D. Pharm IInd Year

Date: 17/03/2015

Max.Marks: 20

Time: 1 Hr

Note: Question no.1 is compulsory. Solve any six from the remainings.

Q.1) Define (any 2).

(2 marks)

- i) Cardiotonics ii) Diabetis Mellitus iii) Diuretics iv) Autocoids

Solve any Six.

(18 marks)

Q.2) Describe the mechanism of action of Digitalis.

Q.3) Give the classification of antihypertensives.

Q.4) Mention the name of drugs used in: i) Angina ii) Diarrhoea iii) Constipation iv) Arrythmia.

Q.5) Describe triple response of histamine.

Q.6) Give reasons why diuretics cause electrolyte imbalance.

Q.7) What are anticoagulants? Describe the mode of action of Warfarin sodium.

Q.8) In what aspects does tollutamide differ from chlorpropamide.

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IIIrd Sessional Exam March 2015

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Class: D. Pharm IInd Year

Date: 17/03/2015

Max.Marks: 20

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(Un-Aided Unit)

IIIrd Sessional Exam March 2015

Subject: Drug Store & Business Management

Class: D. Pharm II Year

Max.Marks: 20

Date: 20/03/2015

Time: 1 Hr

Note: Solve any five questions. Each question carry equal marks.

- Q.1) Define: i) Account ii) Journal iii) Ledger iv) Transaction.
Q.2) What do you mean by trial balance. Explain different methods for preparing trial balance.
Q.3) Discuss various documents required to start & run a Pharmacy.
Q.4) Define Cash book. Classify giving formats of each type.
Q.5) Give classification of account with principle of double entry system of book keeping.
Q.6) Define & explain types of codification.
Q.7) Journalize the following transactions in the books of Raman Pharmacist & Post them into ledger.

Date	Particular	Amount
1994 JAN 1	Purchased Vehicle	4000/-
1994 JAN 2	Sold goods	3000/-

- Q.8) Explain Final account.

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(Un-Aided Unit)

IIIrd Sessional Exam March 2015

Subject: Drug Store & Business Management

Class: D. Pharm II Year

Max.Marks: 20

Date: 20/03/2015

Time: 1 Hr

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IIIrd Sessional Exam March 2015

Subject: Hospital & Clinical Pharmacy

Class: D. Pharm IInd Year
Date: 19/03/2015

Max.Marks: 20
Time: 1 Hr

- Q.1) Give normal value and significance of any 2. (4 marks)
i) R.B.C count ii) E.S.R. iii) Haemoglobin iv) Clotting time of blood.
- Q.2) Write short note on any 2. (4 marks)
i) Drug food interaction ii) Teratogenicity
iii) Causes & classification of adverse drug reaction.
- Q.3) What are the factors affecting bioavailability. (4 marks)
- Q.4) Define any 4. (4 marks)
i) Drug abuse ii) Drug addiction iii) Drug dependence
iv) Poison v) Bio availability.
- Q.5) What is antidote. Give composition of universal antidote & mention its uses. (4 marks)

Dr. Rafiq Zakaria Campus
Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

IIIrd Sessional Exam March 2015

Subject: Hospital & Clinical Pharmacy

Class: D. Pharm IInd Year
Date: 19/03/2015

Max.Marks: 20
Time: 1 Hr

- Q.1) Give normal value and significance of any 2. (4 marks)
i) R.B.C count ii) E.S.R. iii) Haemoglobin iv) Clotting time of blood.
- Q.2) Write short note on any 2. (4 marks)
i) Drug food interaction ii) Teratogenicity
iii) Causes & classification of adverse drug reaction.
- Q.3) What are the factors affecting bioavailability. (4 marks)
- Q.4) Define any 4. (4 marks)
i) Drug abuse ii) Drug addiction iii) Drug dependence
iv) Poison v) Bio availability.
- Q.5).What is antidote. Give composition of universal antidote & mention its uses. (4 marks)