

Dr. Rafiq Zakaria Campus

Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

1st Sessional Exam Oct-2016

Subject: Pharmaceutics-II

Class: D. Pharm IInd Year

Date: 17/10/2016

Max. Marks: 20

Time: 1 Hr

Q.1) Solve any four from the following.

- i) Define Synergism & Antagonism.
- ii) Differentiate between Liniments & Lotion.
- iii) Define prescription. Enlist parts of prescription.
- iv) Translate the following terms:
a) Tussi urgent b) Unguentum c) Cochlear amplum d) Dolore urgente.
- v) Convert in metric system:
a) 30 gr=___? b) 1 gallon=___? c) dessat spoonful=___? d) 4 fl.oz=___?
- vi) Define Physical incompatibility & give suitable examples.

(08)

Q.2) Solve any three from the following:

- i) Find the volume of 70%, 60%, 40% & 30% alcohol should be mixed to get 55% alcohol.
- ii) Define Syrup & Elixir. Discuss the formulation of Elixir.
- iii) Draw a typical prescription processing all the requirement.
- iv) Define Posology. Enlist the factors influence the dose of drug. Explain any two function.
- v) Define & classify the incompatibility. Explain therapeutic incompatibility with example.

(12)

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

1st Sessional Exam Oct-2016

Subject: Pharmaceutical Chemistry-II

Class: D. Pharm IInd Year

Date: 18/10/2016

Max.Marks: 20

Time: 1 Hr

Q.1) Give structure of any four. *Note: Attempt any 5 questions.*

- i) Acridine ii) Piprazine iii) Pyridine iv) Pyrole v) Furan.

Q.2). Give the organic group for any four.

- i) Phenyl ii) Carboxyl iii) Acetoxy iv) Benzoyl v) Amide.

Q.3) Write note on any one.

- i) First & second line anti T.B. agents. ii) Cotrimaxazole.

Q.4) Explain life cycle of Malarial parasite.

Q.5) Give chemical classification with example. Any two.

- i) Antibiotics ii) Anti T.B. agents iii) Sulfa drug.

Q.6) Give structure, properties & chemical name of: i) Proflavin ii) Isoniazide.

KAMALA NEHRU POLYTECHNIC COLLEGE
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

First Sessional Examination

Sub: Pharmaceutical Jurisprudence

Marks: 20

Class: II year

Date: 19/10/2016

- Q1. Define any 4. 4m
- | | | |
|--------------------------|---------------|--------------|
| 1. Registered Pharmacist | 2. Repatriate | 3. Law |
| 4. Displaced Person | 5. Ethics | 6. Registrar |
- Q2. Write short note on any 2. 4m
- | | |
|--------------------|----------------------|
| 1. Drug | 2. Spurious drug |
| 3. Misbranded drug | 4. Spurious cosmetic |
- Q3. Solve any 4. 12m
1. Difference between State Pharmacy Council and Joint State Pharmacy Council.
 2. Difference between Ethics and Law.
 3. Write recommendation of Drug Enquiry Committee.
 4. Explain objectives of Pharmaceutical legislation in India.
 5. Write the functions of Pharmacy Council of India.

KAMALA NEHRU POLYTECHNIC COLLEGE
Dr. Rafiq Zakaria Campus, Rauza Baugh, Aurangabad.

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DR RAFIQ ZAKARIA CAMPUS
KAMALA NETIRU POLYTECHNIC PHARMACY AURANGABAD
FIRST SESSIONAL EXAMINATION
PHARMACOLOGY AND TOXICOLOGY

MAX MARKS: 20 CLASS : SECOND TIME : 1 HR DATE: 20 OCT 2016

SOLVE ANY TEN . ALL QUES CARRY EQUAL MARKS

1. Define 1. Pharmacodynamics 2. Synergism.
2. Classify routes of administration.
3. Write advantages and disadvantages of injections.
4. Explain active transport.
5. Describe various types of drug tolerances.
6. Mention any four factors affecting drugs action.
7. Explain Dalcs vasomotor reversal.
8. Mention dose, Route of administration, uses and side effects of Paracetamol and Aspirin.
9. Explain the significance of preanaesthetic medication.
10. Write treatment of atropine poisoning.
11. Explain effect of adrenaline on eye.
12. Give reason why morphine is contraindicated in head injury.
13. Acetyl choline is not used therapeutically. Give reason.

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

1st Sessional Exam Oct-2016

Subject: Drug Store Business Management

Class: D.Pharm IInd Year

Date: 21/10/2016

Max Marks: 20

Time: 1 Hr

- Q1) Solve Any Two Questions. (4 marks each)
- What do mean by Surplus. Describe disposal of Surplus.
 - Write note on: a) IOQ b) Multiple Chain Store
 - Define Partnership. Explain different types of partners.
- Q2) What do you mean by Middlemen. Give flow chart of Channels of Distribution. (4m)
- OR
- Explain in detail different types of Functional Middlemen. (4m)
- Q3) Solve any Two Questions. (4 marks each)
- a) Give flow chart of Human Activity.
b) Define Trade and Business OR Inventory and Scrap.
 - What are various Hindrances in Business. Explain how they are eliminated.
 - Define Management. Explain various functions of Management.

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Kamula Nehru Polytechnic Pharmacy

Dt: 22/10/16

1st Sessional Examination

Sub: HCP(UA)

Time: 1hr

Max Mrks: 20

Q.1 .Define Any Six

6mks

- A. Hospital.
- B. Clinical pharmacy
- C. Etiology
- D. Colerectics
- E. Superinfection
- F. Drug clearance
- G. Sialogouges
- H. Heamostatics

Q.2 .Solve Any 2

6 mks

- Explain any 2 abilities required for hospital pharmacy.
- Describe consequences of noncompliance.
- Write a note on Unit Dose Dispensing.

Q.3 .Solve Any 2

8mks

- Classify Hospital according to size and cost.
- Give flowchart of patients flow in hospital pharmacy.
- What advice is to be given with following drugs
- Salicilates
- AO inhibitors
- Diazepam
- Ampicillin.

BEST OF LUCK

Q.1. Solve any four of the following.

8

- 1) Define phase inversion. how is prevented.
- 2) Explain Displacement value.
- 3) Define Suspension. Give qualities of suspension.
- 4) Enlist identification of type of emulsion. Explain any one.
- 5) Differentiate between Paste & Ointment.
- 6) Explain therapeutic characteristics of suppositories.

Q.2 Solve any four of the following.

12

- 1) give various additives in formulation of suspension.
- 2) Name the various bases used for ointment. give the characteristics of water soluble bases.
- 3) What are cracking of emulsion. Describe the factors responsible for cracking of emulsion.
- 4) Define suppository. state the character of the glycero gelatin base used in suppositories.
- 5) Discuss the various factors governing the selection of ointment bases.
- 6) Calculate the displacement value of zinc oxide from the following data.
 - i) Wt of 6 unmedicated suppository = 90 grain.
 - ii) Wt of suppositories containing 40% zinc oxide 132 grain.

Q1. Attempt any 02 of the following (04 marks)

- a. Define - cardiotonics, sedatives .
- b. write Insulin Preparations
- c. classify Gen. Anesthetics with example.

Q2. Attempt any 02 of the following (08marks)

- a. Define analeptics. Name and give structure of the analeptics which is Xanthine derivative & Pyridine derivative.
- b. write stability, storage conditions and uses of Insuline, diethyl ether
- c. Define Cardiovascular agents and give their classification with example.

Q3. Attempt any 02 of the following (08marks)

- a. Define Antidepressants ,give mechanism of action of MAO inhibitors and structure of Imipramine.
- b. define and write hydrolysis products of cardiotonics.
- c. define coagulants and give structure of menadione.

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Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

II Sessional Exam

Q1. Attempt any 02 of the following (04 marks)

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- b. write Insulin Preparations
- c. classify Gen. Anesthetics with example.

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KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.
II Sessional Exam Jan 2017

Class: D. Pharm II yr. Sub: Pharmaceutical Jurisprudence Marks: 20
Date: 11/1/2017 Time: 1 hr.

- Q1. Write short notes on (any 2):** 4
1. Write qualification of Govt. analyst.
 2. Duties of Drug inspector.
 3. Offences & penalties of magic remedies.
- Q2. Answer any 4:** 12
- 1) Write in detail classes of prohibited advertisement under magic remedies act.
 - 2) Discuss provision to control possession for sale and sale of poison.
 - 3) Write general requirement of Labeling.
 - 4) Write in detail function of central drug laboratory.
 - 5) Give the form number in which license is issued for sale or distribution of drug.
1. Retail 2. Restricted 3. Whole sale
- Q3. Define any 4:** 4
- 1) Drug inspector 2) Government analyst
 - 3) Magic remedies 4) Advertisement
 - 5) Repacking of drug 6) Schedule C & X

Dr. Rafiq Zakaria Campus
KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.
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DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY, AURANGABAD

PHARMACOLOGY AND TOXICOLOGY. 2ND SESSIONAL EXAMINATION

DATE: 12TH JAN 2017

TIME: 1 HR

MAX MARKS: 20

CLASS: SECOND YEAR

NOTE: SOLVE ANY 10. ALL QUES CARRY EQUAL MARKS.

1. Mention any two drugs used in Grand Mal, petit mal, Psychomotor and Jacksonian epilepsy.
2. Give treatment of status epilepticus.
3. Write dose and uses of Chlorpromazine and Imipramine.
4. Write the classification of sedatives and Hypnotics.
5. Give reason why patients on MOA therapy are advised not to take food containing tyramine.
6. Define asthma and describe three main forms of asthma.
7. Define antitussives and expectorants with examples.
8. Write the mechanism of action of sulphonamides.
9. Define antibiotics and write its classification.
10. What is autocoid. Explain triple response of histamine.
11. Write the symptoms and treatment of arsenic poisoning.
12. Write the dose and uses of tetracycline and benzy] penicillin.
13. Write the chemotherapy of Tuberculosis and Leprosy.

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KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.

11nd Sessional Exam January 2017

Subject: Drug Store and Business Management

Class: D. Pharm II year

Subject Code: 0215

Max. Marks: 20

Date: 13/01/2017

Time: 1 Hrs

Note: Solve any Five of the following. Each Question carries 4 marks

- Q1. Define Cheque. Explain classification of Cheque.
- Q2. Write short note on any two (2marks each) i) Recruitment ii) Training iii) Evaluation
- Q3. Define i) Bank ii) Promotion iii) Finance iv) Salary
- Q4. Define sales promotion. Enumerate various methods of sales promotion. Explain its various important tools.
- Q5. Explain different functions of commercial banks OR Explain Sources of Finance.
- Q6. Give characteristic features and merits of Government Company.
- Q7. Give advantages of i) Window Display ii) Market Research.
- Q8. Give essential characters of Medical Representative.

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KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.

11nd Sessional Exam January 2017

Subject: Drug Store and Business Management

Class: D. Pharm II year

Subject Code: 0215

Max. Marks: 20

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- Q8. Give essential characters of Medical Representative.

Dt: 14/01/17

2nd Sessional Examination

Sub: HCP(UA)

Time: 1hr

Max Mrks: 20

TTnd Ys.

Q.1 .Give the normal range for following physiological parameters:

6mks

- | | | |
|----------------|------------------|-------------------------|
| A. Haemoglobin | B. Clotting time | C. Sperm count |
| D. Blood sugar | E. Cholesterol | F. Sp. gravity for CSF. |

Q.2 .Solve Any 2

6mks

- Write a note on Laminar Flow. Give the floor plan for sterile product area.
- Explain any 2 method of Evaluation of parenterals in detail.
- Explain Economic factors affecting make or buy decision.

Q.3 .Solve Any 2

8mks

- Define drug drug interactions. Write a note on Drug –food interaction.
- Explain pharmacokinetic drug interactions.
- Write clinical significance for:
 - Diuretics and antidiabetics
 - Salicylates –urine alkaliniser
 - Vit A- mineral oil
 - Antacid – Aspirin.

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Dr. Rafiq Zakaria Campus

Kamala Nehru Polytechnic (Pharmacy)
Aurangabad

Sessional examination -III (Unaided wing)

Sub-Pharmaceutics-I

Date-21/03/2017

Time- 1 Hour

Sub code-0811

max marks-20

Q.1) Solve any four of the following .Each question for 2 marks. (08)

- Give the advantages and disadvantages of powder.
- Explain Poultice.
- Explain basic Principal of test for pyrogen on rabbit
- Define Eye drops & Eye lotion.
- Define Shampoo. Classify shampoo.
- Enlist general requirement of parental.

Q.2) Solve any three of the following . Each question for 2 marks. (12)

- List the various dentifrice products and give qualities of a good dentifrices.
- Describe Depilation and Electrolysis method for removal of hair.
- Enlist ophthalmic product and give the formulation of eye drops.
- Define Particulate matter in parentals. What is significance? Explain any one Method of detection of particulate matter
- State the following terms:
 - Eye lotion
 - Lather shaving cream
 - Lipstick
 - Rouges.

Class: D. Pharm II year
Date: 22/3/2017

Subject: PC02

Max. Marks: 20
Time: 1 Hrs

Q1. ATTEMPT ANY FOUR QUESTIONS

(08 MARKS)

1. DEFINE- 1) ADRENERGIC AGENTS 2) CHOLINERGIC AGENTS
2. GIVE STRUCTURE OF 1) THIAMINE 2) ATROPINE
3. DEFINE AND CLASSIFY HORMONES WITH EXAMPLE.
4. GIVE USE OF 1) CONGO RED 2) FLUORESCENCE SODIUM.
5. WRITE BRAND NAMES OF 1) THYROXIN 2) HISTAMINE
6. GIVE STRUCTURE OF 1) ADRENALIN 2) ASPIRIN

Q2. ATTEMPT ANY FOUR QUESTIONS

(12 MARKS)

1. DEFINE AND CLASSIFY VITAMINS WITH EXAMPLE.
2. DEFINE ANTICHOLINERGIC AGENT & CLASSIFY ANTIMUSCARINIC AGENTS
3. DEFINE AND CLASSIFY NSAIDS WITH EXAMPLE
4. DEFINE STEROIDS & GIVE STRUCTURE OF VARIOUS STEROIDAL RINGS.
5. GIVE OFFICIAL PREP., STABILITY AND STORAGE CONDITIONS OF 1) FOLIC ACID 2) VIT. B12
6. GIVE USE OF 1) ADRENALINE 2) PROGESTERONE.

Class: D. Pharm II yr.

Sub: Pharmaceutical Jurisprudence

Marks: 20

Date: 23/3/2017

Time: 1 hr.

Q1. Define any 4:

4

1. Cannabis
2. Coca derivative
3. Bulk drug
4. Net. worth
5. Durable good
6. Ceiling price

Q2. Solve any 4:

12

1. Offences & penalties of Narcotic drug and Psychotropic substances act.
2. Write formula for calculating retail price.
3. Difference between bonded & non-bonded laboratories.
4. Requirement of bonded laboratory.
5. Discuss circumstances under which pregnancies may be terminated by RMP.
6. What are approved places for medical termination of pregnancies under MTP 1971.

Q3. Short notes any 2:

4

1. Medicinal and toilet preparation
2. Offences and penalties of MTP.
3. Net. worth
4. Objective of Narcotic drugs & psychotropic substances Act.

DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY (AURANGABAD)

3rd SESSIONAL EXAMINATION 2017

Pharmacology and Toxicology

MAX MARKS:20 TIME: 1HR CLASS:SECOND SUB CODE:813 DATE:24th MAR 2017

Note: Solve any 10. All Questions carry equal marks.

1. Explain the mechanism of action of Digitalis.
2. Mention any four drugs used in arrhythmic drugs and antianginal drugs.
3. Write classification of Antihypertensive drugs.
4. Mention the dose, uses, sources and formulations of Iron.
5. Explain Oxidized cellulose and Absorbable Gelatin sponge.
6. Explain three methods of oral contraception.
7. Write the classification of Purgatives.
8. Write the treatment of Malaria.
9. Mention any four antiviral and antifungal agents.
10. Define cancer and write chemotherapy of cancer.
11. Write any four examples of antacids and appetizers.
12. Write any four uses of Testosterone and Oestrogen.
13. Describe two types of oral anticoagulants.
14. Explain any two Plasma Expanders.

IIIrd sessional Exam March-2017

Class: D. Pharm II year

Subject: DSBM

Max. Marks: 20

Date: 25/03/2017

Subject Code: 0811

Time: 1 Hrs

Note: Solve any 05 of the following. Each question carry equal marks.

- Q1. Give the format of Journal and Ledger. Define i) Assets ii) Liability
- Q2. Different between Profit Loss Account And Balance Sheet.
- Q3. Define Financial Analysis and explain various methods of Financial analysis.
- Q4. What do you mean by Budget. Give objectives of Budgeting.
- Q5. Explain with suitable layout the significance of layout design.
- Q6. State various errors which are disclosed by Trial balance. Define Tender and Account
- Q7. Define Cash book. State types of Cash book along with its format.

Dr. Rafiq Zakeria Campus

KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.

IIIrd sessional Exam March-2017

Class: D. Pharm II year

Subject: DSBM

Max. Marks: 20

Date: 25/03/2017

Subject Code: 0811

Time: 1 Hrs

Note: Solve any 05 of the following. Each question carry equal marks.

- Q1. Give the format of Journal and Ledger. Define i) Assets ii) Liability
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KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.

IIIrd sessional Exam March-2017

Class: D. Pharm II year

Subject: DSBM

Max. Marks: 20

Date: 25/03/2017

Subject Code: 0811

Time: 1 Hrs

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KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.

IIIrd sessional Exam March-2017

Class: D. Pharm^{III} year

Subject: HCP

Max. Marks: 20

Date: 27/03/2017

Time: 1 Hrs

Q.1. Solve any 02 of the following.

4 mks

1. Define: i) Drug tolerance ii) Relative bio availability
2. Name any two needles & two forceps used in surgical.
3. Give any two tests for absorbant cotton.

Q.2. Solve any 02 of the following.

8mks

1. Give a note on Idosyncrasy & Genetically determined effects.
2. Give the classification of Poison & give a note on Mercury poisoning.
3. Give a note on Narcotic analgesic along with treatment for alcoholism.

Q.3 Solve any 02 of the following.

8mks

1. Give a note on ECG machine & Doppler Eco cardiography.
2. Give a note on Drug information services & Drug information bulletin.
3. Give a note on Physiological factors effecting Bio availability.