

D. P. - II

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

Un-Aided Unit  
Ist Sessional Exam October-2013  
Subject: PH02

Class: Second Year  
Date: 15/10/2013

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

**Note: Solve any five questions from the following. Each question carry equal marks.**

- Q.1) Calculate volume of 20%, 15% & 5% alcohol if these are mixed with each other to obtain 120 ml of 8% alcohol.
- Q.2) Define and classify the Powders with examples.
- Q.3) Describe therapeutic incompatibility in details with examples.
- Q.4) Explain the following as factors having influence on dose of drug.  
i) Tolerance. ii) Tachyphylaxis. iii) Iodiosyncrasy. iv) Antagonism.
- Q.5) Translate in English or convert in Metric system.  
i) Haustus. ii) Cochlear Ampulum. iii) Cochlear. iv) Anti Cibos. v) I apathocaries.  
vi) 20 grains. vii) 5- Fl.Ounce. viii) 1 gallon=ml.
- Q.6) Define Cachets. Describe the type and preparation method of cachets.
- Q.7) Define Mixtures. Describe method of dispensing mixture containing diffusible solid.



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Kamala Nehru Polytechnic (Pharmacy), Aurangabad

I-Sessional Exam Oct 11, 2013

Class: D-Pharm II Time-12-1 pm Marks: 20

Subject: Pharmaceutical Chemistry II

Q1. Give structure of following Heterocyclic rings (any 4)

Pyrole thiophen quinoline isoquinoline furan

PC-2

Q2. Give chemical classification of (any 2)

Antiseptics & Disinfectants

Antibiotics

Anticancer agents

Q3. Give structure of drug containing following Heterocyclic ring (any 4)

Imidazole pyrazine piperazine quinoline pyrimidine

Q4. Give structure & chemical name of following drug (any 4)

Proflavin DEC Dapsone Isoniazide benzylpenicillin

Q5. Give physical properties, storage and uses of (any 4)

Mebendazole Quinoline Cephalexin Phenol Sulphacetamide.

Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

1<sup>st</sup> Sessional Exam 2013-2014

Subject:- PHJ

Date:- 09-10-2013

Time:- (12.00 to 1.00PM)

Class :- D.Pharm II

Max. Marks :- 20

Q1) Define (any 4)

(4 Marks)

1. dutiable goods
2. Medicinal Preparation
3. Narcotic drugs
4. Restricted Preparation
5. Registered Pharmacist
6. UGC

PHJ

Q2) Attempt (any 4)

(16 Marks)

1. What is the object of poison Act? How are Possession sale of poison regulated under the act
2. Compare the manufacture of alcoholic preparation i) In bond and ii) out side bond
3. Describe the offenses and penalties under pharmacy act.
4. What is the purpose of code of Ethics?
5. Describe the constitution & functions of the pharmacy council of India.
6. Trace of the history of drug legislation in India.
7. Write a note on Health Survey and development committee.



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Un-Aided Unit  
Ist Sessional Exam October-2013  
Subject: DSBM

Class: Second Year  
Date: 14/10/2013

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

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

Q.1) Define

- i) Trade    ii) Economics    iii) Management    iv) Lead time.

Q.2) Give characteristic features and merits of Government company. Give 1 example of Govt. company.

Q.3) Define Industry. Explain its classification with examples.

Q.4) Give the flow Charts of    i) Forms of Business Organizations    ii) Human Activities

Q.5) Define Commerce. Explain its sub division.

Q.6) Write a note on:    i) Types of scrap & its disposal    ii) Modern techniques of Inventory control.

Q.7) Write Merits and Demerits of Joint Hindu Family firm.

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Kamala Nehru Polytechnic (Pharmacy), Aurangabad.  
1<sup>st</sup> Sessional Exam 2013-2014

Subject:- HCP  
Date:- 12-10-2013

Time:- (12.00 to 1.00 pm)

Class :- D.Pharm II  
Max. Marks: - 20

HCP

Q1. Define – (4 marks)

1. Referred patient
2. Emergency patient
3. Ambulatory patient
4. Bed side pharmacy

Q2. Solve any 4 each carry 3 marks. (12 marks)

1. Define hospital & classify
2. Define hospital pharmacy. Write function & objective of hospital pharmacy.
3. Explain the process of dispensing drugs to outpatient in hospital.
4. Define PTC & write its function
5. Define clinical pharmacy. Write objective & scope of pharmacy.

Q3. Short note on any 2. (4 marks)

1. Role of pharmacist in improving patient compliance.
2. PTC & adverse effect.
3. PTC & drug safety

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II<sup>nd</sup> Sessional Exam January-2014

Subject: Pharmaceutics-II

Class: D. Pharm Second Year

Date: 21/01/2014

Subject code: PH 02

Max.Marks: 20

Time: 1 Hr

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

Q.1) What are diffusible & indiffusible mixtures? How are they dispensed?

Q.2) Differentiate between liniments & lotions?

Q.3) What are desirable qualities of suspensions?

Q.4) Differentiate between flocculated & non-flocculated suspensions?

Q.5) What is cracking? Name factors causing cracking.

Q.6) Define & classify the ointment bases?

Q.7) Classify pastes & give methods of preparing pastes of each?

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II<sup>nd</sup> Sessional Exam January-2014

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II<sup>nd</sup> Sessional Exam January-2014

**Subject: Pharmaceutical Chemistry II**

Class: D. Pharm Second Year

Date: 17/01/2014

Max.Marks: 20

Time: 12:00-01:00 PM

**Note: Attempt any five. All questions carry equal marks**

Q.1) Define the following:

i) Sympathomimetic    ii) Sympatholytic    iii) Parasympathomimetic    iv) Parasympatholytic

Q.2) What are Cardio tonics. Explain role of Cardio tonics & give hydrolysis product of any 2.

Q.3) Give chemical classification of antiarrhythmic or antiepileptic agent with example.

Q.4) Give the structure & chemical name of (any 4).

i) Atropin    ii) Adrenaline    iii) Diazepam    iv) Imipramine    v) Phenytoin

Q.5) Describe chemistry of Caffeine or Furasemide.

Q.6) Give therapeutic uses of (any 2)

i) Pilocarpin    ii) Adrenaline    iii) Cyclopropane

Q.7) What are Barbiturate. Give properties, structure & uses of Phenobarbitone.

IP-PC-2014

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Kamala Nehru Polytechnic (Pharmacy), Aurangabad.

II<sup>nd</sup> Sessional Exam February-2014  
Subject: Pharmacology and Toxicology

Class: D. Pharm Second Year

Date: 16/01/2014

Max.Marks: 20

Time: 1 hr

Q.1 Define (any 5)

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2014

(5 marks)

1.Angina 2.Asthma 3.Cough 4.Antacid 5.Diuretic 6.Purgative 7.Analeptic

Q.2 Write the Dose, Use, Route of Administration and side effects of Following Drugs

Any 3

(3 marks)

1.Chlorpromazine 2.Levodopa 3.Fureamide 4.Caffeine 5.Imipramine

Q.3 Write the Classification of Antihypertensives

Or

Write the classification of Purgatives and Laxatives (3 marks)

Q.4 Attempt any 3

(9 marks)

- 1.Explain the mechanism of action of Digitalis.
- 2.Write the symptoms and treatment of lead poisoning.
- 3.Give reason why patients on MAO therapy are advised not to take food containing tyramine.
- 4.Explain the use of Aluminium Hydroxide as an antacid drug.
- 5.Write any two drugs used in following condition.

1. Arrhythmia 2.Anxiety 3.Flatulence



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Ist Sessional Exam January -2014

Subject: Pharmaceutical Jurisprudence

Class: D. Pharm Second Year

Date: 15/01/2014

Subject code: PHJ

Max. Marks: 20

Time: 12:00 – 1:00 PM

Q.1) Solve Any 4 from the following

PHJ - I<sup>st</sup> Se

(2X4=8)

- i. give the aim & objective of the MTP act 1971.
- ii. Give the condition for approval places as per MTP act.
- iii. Define the following terms.
  1. Advertisement
  2. Magic Remedies
- iv. Give the offences & penalties under MTP act 1975.
- v. How the sale prices of bulk drug of formulation is fixed.
- vi. How should the record of medical termination of pregnancies be maintain.

Q.2) Solve any 3 from the following.

(4X3=12)

- i) How retail price of formulation is calculated as per DPCO act 1995.
- ii) Explain in short about power of entry, search, and seizure under DCPO 1995.
- iii) Define following terms
  1. Bulk Drug
  2. Formulation
  3. Wholesaler
  4. Manufacturing
- iv) Give the offences & penalties under the DMR act 1954.
- v) Mention the circumstances under which the pregnancies may be terminated by RMP

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**Kamala Nehru Polytechnic (Pharmacy), Aurangabad.**

II<sup>nd</sup> Sessional Exam January-2014

**Subject: Drug Store & Business Management**

Class: D. Pharm Second Year

Date: 23/01/2014

Subject code: DSBM

Max.Marks: 20

Time: 1 Hr

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

- Q.1) Explain various sources of finance.
- Q.2) Give the meaning of cheque. Explain types of crossing of cheque.
- Q.3) Give various types of channels of distribution. Explain any one.
- Q.4) Write a note on recruitment.
- Q.5) Distinguish between Departmental store & Multiple shop.
- Q.6) Write a note on Peddlers & Hawkers.
- Q.7) Define: i) Salary ii) Distribution iii) Training iv) Retailers

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II<sup>nd</sup> Sessional Exam January-2014

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II<sup>nd</sup> Sessional Exam January-2014

**Subject: Hospital & Clinical Pharmacy**

Class: D. Pharm Second Year

Date: 18/01/2014

Subject code: HCP

Max.Marks: 20

Time: 1 Hr

**Note: Attempt any five questions. Each carries four marks.**

Q.1) Draw & describe layout of Sterile product area & describe cleanup and aseptic area.

Q.2) What advice will you give to patients consuming following drugs (any 4)

i) Antacids    ii) Phenytoin    iii) Salicylates    iv) Bisacodyl tab    v) Phenobarbital

Q.3) What is normal range of the following (any 4)

i) Total RBC count    ii) ESR    iii) Specific gravity of C.S.F    iv) Blood sugar    v) Glucose tolerance test.

Q.4) Explain the interactions related to distribution & excretion.

Q.5) Explain signs & symptoms of (any 2)

i) Gastric ulcer    ii) Rheumatoid Arthritis    iii) Atherosclerosis

Q.6) Short note (any 2).

i) Drug-food interaction    ii) Drug interactions (any 2) a) Salicylates-urine alkalinisers

b) Diuretics-anti hypertensive. c) Methyl dopa-Amphetamine

iii) Myocardial infarction.

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II<sup>nd</sup> Sessional Exam January-2014

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III<sup>rd</sup> Sessional Exam March-2014

**Subject: Pharmaceutics II**

Class: D. Pharm Second Year

Date: 19/03/2014

Subject code: PH 02

Max.Marks: 20

Time: 1 Hr

**Note: Solve any five. Each 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) Discuss the type of vehicle used for parentral preparation. What is chelating agent. Justify the use of it in parentral preparation.
- Q.5) Define Suppositories. Give the classification of bases with example in brief.
- Q.6) Define Epilation & Depilation. Write the qualities of depilatory agents.
- Q.7) 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.

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III<sup>rd</sup> Sessional Exam March-2014

**Subject: Pharmaceutics II**

Class: D. Pharm Second Year

Date: 19/03/2014

Subject code: PH 02

Max.Marks: 20

Time: 1 Hr

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

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III<sup>rd</sup> Sessional Exam March-2014  
Subject: Pharmaceutical Chemistry II

Class: D. Pharm Second Year  
Date: 14/03/2014

Subject code: PC 02

Max.Marks: 20  
Time: 1 Hr

**Note: Solve any five questions.**

Q.1) Give the structure & Chemical name of the following.

i) Phenformin ii) Procain iii) Diphenhydramin iv) Aspirin

Q.2) What are steroids? Give structure of different steroidal nucleus with their names.

Q.3) What are coagulants & anticoagulants. Give their examples & uses of each.

Q.4) What are diagnostic agent? Give the use of the following.

i) Fluorescein sodium ii) Congo red iii) Evans blue iv) proply iodone

Q.5) What are vitamin? Give its classification & uses of Niacin.

Q.6) What are Antihistaminic agent? Give its classification with example.

Q.7) What are NSAIDS? Give its classification with example.

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

III<sup>rd</sup> Sessional Exam March-2014  
Subject: Pharmaceutical Chemistry II

Class: D. Pharm Second Year  
Date: 14/03/2014

Subject code: PC 02

Max.Marks: 20  
Time: 1 Hr

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DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY(AURANGABAD)

III<sup>rd</sup> sessional examination 13<sup>th</sup> March 2014

Pharmacology and Toxicology

Max Marks: 20 Time: 1 hr D.pharm II

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**Q1. Solve any 8 (8 marks)**

Write any four examples of following category of drugs

1. Antibiotics
2. Antifungal
3. Antiviral
4. Antimalarial
5. Anticancer
6. Antiseptics
7. Antitubercular
8. Antidiabetics
9. Hemostatics
10. Sulphonamides.

**Q2. Solve any 4 (12 marks)**

1. Write the classification of anticancer drugs.
2. Write the mechanism of action of sulpha drugs.
3. Write a note on methods of oral contraception.
4. Give reason why patients on sulpa drug therapy are advised to take lots of fluids.
5. Define anemia and write about vit B<sub>12</sub> and iron.
6. Write a note on tetracycline and chloramphenicol.

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KAMALA NEHRU POLYTECHNIC PHARMACY(AURANGABAD)

III<sup>rd</sup> sessional examination 13<sup>th</sup> March 2014

Pharmacology and Toxicology

Max Marks: 20 Time: 1 hr D.pharm II

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III<sup>rd</sup> Sessional Exam March-2014

**Subject: Drug Store & Business Management**

Class: D. Pharm Second Year

Date: 18/03/2014

Subject code: DSBM (0815)

Max.Marks: 20

Time: 1 Hr

**Q. 1. Solve any Two (2).**

(8 M)

- A) Explain importance of layout design. Draw suitable layout retail pharmacy.
- B) Enumerate Various methods of market research. Enlist different survey methods. Explain any one.
- C) Define sales promotion. Explain different characters required for salesman.
- D) Write short notes on any 2.
  - i. window display. ii. Advertisement. iii. Methods of financial analysis.
  - iv. Methods for preparing Trial Balance.

**Q.2 Solve any two.**

(4 M)

- i) Give different types of accounts. Explain the rules of Debit & Credit.
- ii) Various documents required to open a retail drug store.
- iii) Process of purchasing. iv) Types of Petty cash book system.

**Q.3 Explain formats of any two.**

(4 M)

- i) Journal ii) Ledger iii) Profit & Loss account

**Q.4 Solve any two.**

(4 M)

- i) Write a note on Budget.
- ii) Draw the formats of four types of cash book.
- iii) Journalize the following transactions and post them into ledger of Raman a Pharmacist.
  - a) Commenced Business with cash Rs. 15000/-.
  - b) Purchased furniture Rs. 2000/-.

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III<sup>rd</sup> Sessional Exam March-2014

**Subject: Drug Store & Business Management**

Class: D. Pharm Second Year

Date: 18/03/2014

Subject code: DSBM(0815)

Max.Marks: 20

Time: 1 Hr

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- i) Write a note on Budget.
- ii) Draw the formats of four types of cash book.
- iii) Journalize the following transactions and post them into ledger of Raman a Pharmacist.
  - a) Commenced Business with cash Rs. 15000/-.
  - b) Purchased furniture Rs. 2000/-.

Mr. Adil Sir

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

III<sup>rd</sup> Sessional Exam March-2014

Subject: Hospital & Clinical Pharmacy

Class: D. Pharm Second Year

Date: 15/03/2014

Max.Marks: 20

Time: 1 Hr

- Q.1) Answer any 2 (5)
- a) Define Hospital formulary. What is its legal significance.
  - b) How is absorbent cotton prepared from raw cotton. Give one test to identify it.
  - c) What are different needles used in hospitals. How they are sterilized.
- Q.2) Answer Any 2 (5)
- a) Write about medication monitoring.
  - b) Drug information retrieval by using computers.
  - c) Define any two: i) ADR ii) Bio availability iii) Drug abuse
- Q.3) Answer in detail any 2 (6)
- a) Classify different antidotes.
  - b) Explain how dosage form effect bio availability of drug.
  - c) Which items are purchased in the stores of a hospital. Write in detail about purchase procedure.
- Q.4) Write short note any 2 (4)
- a) Idiosyncrasy b) Allergic reactions c) Teratogenicity