

# COLLEGE OF PHARMACY,

VILAD GHAT, PO. MIDC, AHMEDNAGAR (MS)

Phone No. (0241) 2778044 /2777217. Fax No. (0241) 2778044

E-mail ID : pdcopha anrr@rediffmail.com

Permanently Affiliated to University of Pune, Pune. Approved by AICTE, PCI, New Delhi & Recognized by UGC, New Delhi.

Accredited by NAAC with Grade B (CGPA 2.72)

COPH/Exam./2018 -19/144



Date: 29/10/2018

## PRILIMINARY EXAMINATION 2018-19

**CLASS**: F. Y. B. Pharmacy

**SEMESTER: I** 

TIME: 10.30 AM to 01.30 PM

Day	Date	Subject
Monday	26/11/2018	Human Anatomy & Physiology –I
Tuesday	27/11/2018	Pharmaceutical Analysis -I
Wednesday	28/11/2018	Pharmaceutics I
Thursday	29/11/2018	Pharmaceutical Inorganic Chemistry

Prof. N. S. Pawar Exam Incharge

Prof. H. J. Pagar Examination officer Dr. P. Y. Pawar
PRINCIPAL
College of Pharmacy
Ahmednagar





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COPH/Exam./2018 -19/143



# Date: 29/10/2018

# NOTICE

All the non teaching staff are hereby informed that PRILIMINARY EXAMINATION 2018-19 for F. Y. B. Pharmacy (Semester I) is scheduled in the fourth week of November from 26/11/2018 to 29/11/2018.

Prof. N. S. Pawar Exam Incharge Prof. H.J. Pagar Examination officer

**Dr. P. Y. Pawar PRINCIPAL**College of Pharmacy,
Ahmednagar.

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Date: 29/10/2018

## NOTICE

All the teachers of F. Y.B. Pharmacy are here by informed that the <u>PRILIMINARY</u> EXAMINATION 2018-19 (Semester I) is scheduled in the fourth week of November from 26/11/2018 to 29/11/2018.

So all are requested to submit typed question papers of concerned subjects on or before 22/11/2018.

Prof. N. S. Pawar Exam Incharge Prof. H.J. Pagar Examination officer Dr. P. Y. Pawar PRINCIPAL

west

College of Pharmacy, Ahmednagar.





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COPH/Exam./2018 -19/1/4



Date: 29/10/2018

# NOTICE

All the students of F. Y.B. Pharmacy are here by informed that the <u>PRILIMINARY</u> EXAMINATION 2018-19 (Semester I) is scheduled in the fourth week of November from 26/11/2018 to 29/11/2018.

Prof. N. S. Pawar Exam Incharge Prof. H.J. Pagar Examination officer Dr. P. Y. Pawar
PRINCIPAL
College of Pharmacy,
Ahmednagar.

week



# Vilad-Ghat Ahmednagar

# PRELIMINARY EXAMINATION (2018-19)

SEMESTER: I (First) 

CLASS: - First Year B. Pharm

DATE: 28/11/2018

SUBJECT: - Pharmaceutical Inorganic Chemistry

Time: 3 Hrs

Marks: 75 

# 2.1 Define & Explain following terms

6. Expectorant

1. Acidifying Agents

2. Antidotes

7. Acids, Bases & Buffers

3. Antacids

Extra and intracellular ions. 8.

4. Electrolytes

9. Electrolyte Replacement Therapy

5. Anticaries Agent

10. Dental products.

# 2.2 Attempt any 2 of the following

20 Marks

20 Marks

- 1. Give classification of gastrointestinal agents; explain pharmaceutical applications and mechanism actions of acidifying agents.
- 2. Write in detail about sources of impurities in Pharmaceuticals.
- 3. Explain the terms 'pharmacopoeia' and 'monograph'. Enlist different Pharmacopoeias and discuss salient features of monograph.

# 1.3 Attempt any 7 of the following

35 Marks

- 1. Explain Magnesium Hydroxide as an antacid
- 2. Explain Limit test for Arsenic
- 3. Explain Limit test for Sulphate as per IP
- 4. Explain Fluoride as Anticaries Agent
- 5. Discuss About Ideal properties of antacids
- 6. Write a Note on Saline Cathartics
- 7. Write a Note on ORS (Oral Rehydration Salt)
- 8. Define antidotes and explain their mechanism of action
- 9. What are radio-opaque contrasts Medias? Describe any one agent in detail.



Ahmadnagar

## Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Ahmednagar Preliminary Examination (2018- 2019) F.Y.B.PHARMACY SEMESTER: I (First)

## Pharmaceutics I

		Max. Marks: 75	*********
		Date: 28/11/2018	Time: 3 Hrs
		*******************	******
(	2.1	Solve following objective question.	[20]
	1.	Write Diling's and Young's formula for dose calculation	[20]
	2.	Define Suspension and Emulsion.	
	3.	Write difference between ointment and cream.	
		Define Syrup and elixirs.	
	5.	Define dosage form. Classify it.	
	6.	Write on pharmacy as a career.	
)	7.	Write formula for dose calculation on the basis of body surface area.	
	8.	Define suppository. Classify it.	
	9.	Write on errors in prescription.	
	10	Define incompatibility. Write its type.	
•	<ol> <li>2.</li> </ol>	Attempts any two of the following.  Explain evaluation of semisolid dosage form.  Explain various solubility enhancement techniques.  Define Posology. Explain factors consider for selection of dose of drug.	[20]
Q	0.3	Answer the following question [Any 7]	[35]
	1.	Explain stability of emulsion.	[55]
		Explain therapeutic incompatibility in detail.	
1	3.	Explain evaluation of suppository in details.	
7	4.	Explain ointment bases in detail.	
		Define Prescription. explain parts of prescription in detail.	
	6.	Explain method of preparation of suppository.	
	7.	Explain evaluation of liquid dosage form.	
	8.	Classify suspending and emulsifying agent. Explain in short.	
	9.	Explain responding to prescription.	



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#### PRELIMINARY EXAMINATION (2018-19)

SEMESTER: I (First) \*

CLASS : - First Year B. Pharm.

SUBJECT: - Pharmaceutical Analysis I

DATE: 27/11/2018

Time: 3 Hrs

Marks: 75 

#### Q.1 Explain following terms

- 1. Principal of Potentiometry
- 2. Application of Polarography
- 3. Principal of Conductometry
- 4. Nernst Equation
- 5. Ilkovic Equation

# 20 Marks

- 6. Rotating Platinum Electrode
- 7. Dropping Mercury Electrode
- 8. Specific & Equivalent Conductance
- 9. Ion Selective Electrode
- 10. Application of Conductometry

#### Q.2 Attempt any 2 of the following

20 Marks

- 1. Explain in detail various neutralization curves of acid base titration with example
- 2. What is Differentiating solvent? Discuss solvents used in non aqueous titrations. Explain preparation & Standardization of 0.1M perchloric acid.
- 3. Explain the term error. Explain details of types of error .Note on methods of minimization of error.

### Q.3 Attempt any 7 of the following

35 Marks

- 1. Define primary standard. Enlist requirement of primary standard
- 2. How will you prepare & standardize 0.5 M EDTA Solution
- 3. Comment on Accuracy, precision and significant figure..
- 4. Calculate equivalent weight of Potassium permanganate& Ferrous Sulphate.
- 5. Differentiate between Iodimetry & Iodometry.
- 6. What is Co-precipitation & Post precipitation.
- 7. Explain Assay of Calcium Gluconate As per IP.
- 8. Note on Adsorption Indicators.
- 9. Give Application of Gravimetric Analysis.



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# DR. VITHALRAO VIKHE PATIL FOUNDATION'S COLLEGE OF PHARMACY, VILAD-GHAT AHMEDNAGAR PRELIMINARY EXAMINATION 2018-19

Class: First Year .B. Pharm.

Date: 26 /11/2018

Subject: H.A.P. - I

Time: 10.30 am to 1.30pm

Marks: 75

## \* Q.1 Multiple Choice Questions

 $(20 \times 01 = 20 \text{ Marks})$ 

- 1. The lungs are covered by a membrane called the\_\_\_\_
  - a) Parietal pleura b) visceral pleura c) peritoneum d) parietal pericardium
- 2. What is the smallest level of organization considered to be living -----
  - a) Cell b) Tissue c) System d) Organelle
- 3. The unite of heredity is ----
  - a) gene b) chromosome c) telomere d) centromere
- 4. Chemical constituents of nucleus is ----
  - a) DNA, RNA & Proteins b) DNA & Proteins c) RNA & DNA d) RNA & Proteins
- The outermost layer of skin is called ----
  - a) Epidermis b) Dermis c) Adipose d) Corium
- Arthritis is defined as inflammation of ----
  - a) Joints b) Bones c) Cartilage d) Muscles
- 7. Patella is bone found in ----
  - a) Knee b) Ankle c) Wrist d) Tarsal
- 8. Example of ball & socket joint is ----
  - a) Shoulder & hip joint b) Knee & hip joint c) Spinal cord joints d) Vertebral disc joint
- 9. The percentage of formed element is ---a) 45% b) 50% c) 65% d) 55%
- 10. Which of the following in the body's largest blood vessel?
  - a) Aorta b) Capillaries c) Pulmonary vein d) Heart
- 11. Tissue fluid is also called as ----
  - a) interstitial fluid b) lymph fluid c) plasma fluid d) neurotic fluid
- 12. Plasma does not contain ----
  - a) erythrocyte b) antibodies c) serum albumin d) serum globulin
- 13. An axon conducts impulses ----- the cell body
  - a) away from b) towards c) only inside d) both away & towards

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- 14. Which of the following glands are present in eyes?
  - a) Lacrimal b) Mucus c) Pitutary d) Thyroid
- 15. chemoreceptors are also called as ----
  - a) olfactory receptors b) rods c) cones d) buds
- 16. Left atrium receives oxygenated blood from ---
  - a) Lungs b) Right atrium c) Right ventricle d) Right atria
- 17. Glossitis means inflammation of ----
  - a) tongue b) gall bladder c) uterus d) gum
- 18. Thrombosis means ----
  - a) formation of blood clot b) formation of thrombocytes c) formation of nerve fibre
- 19. Leukemia means ----
  - a) malignant proliferation of WBCs b) formation of RBCs c) malignant proliferation of RBCs
- 20. Which of these is not connective tissue ---
  - a) muscle b) bone c) blood d) cartilages

#### Q. 2. Long Answer Questions (Answer 2 out of 3)

 $(10 \times 2 = 20 \text{ marks})$ 

- 1. Draw a neat well labeled diagram of ear and explain Physiology of hearing.
- Describe the structure of skeletal muscle & explain the physiology of muscle contraction.
- 3. Enlist the clotting factors. Explain the mechanism of blood clotting.

#### Q. 3 Short Answer Questions (Answer 7 out of 9)

(5 X 7 = 35 marks)

- 1. Classify joints & explain various types of joint movements
- 2. Describe physiology of skeletal muscle contraction
- 3. Explain composition and function of lymph.
- 4. Give difference between artery and vein.
- 5. Write a note on anatomy of human heart.
- 6. Draw a neat well labelled diagram of cell & add a note on mitochondria.
- 7. Explain different phase of cell division.
- 8. Enlist major body cavity along with their location.
- 9. Explain different types of muscular tissue.



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# PRELIMINARY EXAMINATION (Student Attendance Report) H. B. Pharm Date: 29/11/201 8

Class: F.Y. B Pharm

Name of Supervisor: RAB SMIA

Subject: 070

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Students Appeared: 62 Students Present: 56 Students Absent:

College harmacy

Signature of Supervisor 1)

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Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class:

Date: 28/ 11/201 8

Name of Supervisor: LVS Subject: p'centics.

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Students Appeared: 62 **Students Present:** 

**Students Absent:** 

College

Signature of Supervisor

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e of Pharmacy Ahmednagar

#### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: Fy. B. Pharm

Date: 27/11 /201 8

Name of Supervisor: RAB, LVS Subject: Pharm. Analysi's I

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Students Appeared: 62

Students Present: 58

Students Absent: 04 College

Signature of Supervisor

1)

TRUE CONT College of Pharmacy Ahmednagar

Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class : F. y. B Pharm

Date: 26/11 /201 8

Name of Supervisor: MKT, SAY Subject: HAPI

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Students Appeared: 62 Students Present:

58

Students Absent: 04 College

Signature of Supervisor





#### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Vilad Ghat, Ahmednagar.

Preliminary Examination Mark List: F. Y. B. Pharmacy Aca

Class

Academic Year: 201 8-201

Subject

Semester

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Name of Teacher:

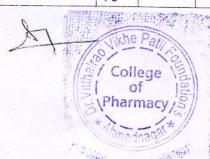
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Marks

: 60

	Roll No	Marks	Sign. Of students	Sign. Of called parents	Roll No	Marks	Sign. Of students	Sign. Of called parents
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Signature of Subject Teacher



College of Pharmacy Ahmednagar

Vilad Ghat, Ahmednagar.

#### **Preliminary Examination Mark List**

Class

: F. Y. B. Pharmacy

Academic Year: 2018 - 2019

Subject

: Pharm Analysis I

Semester

: I

Name of Teacher: Prof N-S Pawar Prof P.P. Hazare

Marks

: 75

	Roll No	Marks	Sign. Of students	Sign. Of called parents	Roll No	Marks	Sign. Of students	Sign. Of called parents
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Signature of Subject Teacher

Prof H. s Pava Y

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COPH/Exam./2018 -19/174

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Date: 01/04/2019

# **PRILIMINARY EXAMINATION 2018-19**

CLASS: F. Y. B. Pharmacy

**SEMESTER: II** 

TIME: 10.30 AM to 01.30 PM

Date	Subject		
09/04/2019	Human Anatomy & Physiology –II		
10/04/2019	Pharmaceutical Organic Chemistry -I		
11/04/2019	Biochemistry		
12/04/2019	Pathophysiology		
	09/04/2019 10/04/2019 11/04/2019		

Prof. N. S. Pawar Exam Incharge Prof. H. J. Pagar Examination officer Dr. P. Y. Pawar
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VILAD GHAT, PO. MIDC, AHMEDNAGAR (MS)

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E-mail ID: pd<u>copha\_anrr@rediffmail.com</u> Permanently Affiliated to University of Pune, Pune.

Approved by AICTE, PCI, New Delhi & Recognized by UGC, New Delhi.

Accredited by NAAC with Grade B (CGPA 2.72)

COPH/Exam./2018 -19/ |73



Date: 01/04/2019

# **NOTICE**

All the non teaching staff are hereby informed that PRILIMINARY EXAMINATION

2018-19 for F. Y. B. Pharmacy (Semester II) is scheduled in the fourth week of November from 09/04/2019 to 12/04/2019.

Prof. N. S. Pawar Exam Incharge Prof. H.J. Pagar Examination officer

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Dr. P. Y. Pawar PRINCIPAL

was

College of Pharmacy, Ahmednagar.





# COLLEGE OF PHARMACY,

VILAD GHAT, PO. MIDC, AHMEDNAGAR (MS)

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Accredited by NAAC with Grade B (CGPA 2.72)



COPH/Exam./2018 -19/ | 72\_

Date: 01/04/2019

# NOTICE

All the teachers of F. Y.B. Pharmacy are here by informed that the PRILIMINARY EXAMINATION 2018-19 (Semester II) is scheduled in the second week of April from 09/04/2019 to 12/04/2019.

So all are requested to submit typed question papers of concerned subjects on or before 08/04/2019.

Prof. N. S. Pawar

**Exam Incharge** 

Examination officer

PRINCIPAL

College of Pharmacy, Ahmednagar.



# COLLEGE OF PHARMACY,

VILAD GHAT, PO. MIDC, AHMEDNAGAR (MS)

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Accredited by NAAC with Grade B (CGPA 2.72)

COPH/Exam./2018 -19/ 174



Date: 01/04/2019

# NOTICE

All the students of F. Y.B. Pharmacy are by informed that the PRILIMINARY EXAMINATION 2018-19 (Semester scheduled in the second week of April from 09/04/2019 to 12/04/2019.

Prof. N. S. Pawar **Exam Incharge** 

Prof. H. J. Pagar College Examination Officer Dr.V.V.P.F's College of Pharmacy, Vilad Ghat, Ahmednagar

TO SHEET STORY College

Dr. P. Y. Pawar PRINCIPAL

College of Pharmacy, Ahmednagar.

> College of Phermacy Ahmednagar

# DR. VITHALRAO VIKHE PATIL FOUNDATION'S COLLEGE OF PHARMACY, VILAD-GHAT AHMEDNAGAR

#### **PRELIUM EXAMINATION 2018-19**

Class: First Year B. Pharm

Date: 12/04/2019

Subject: Pathophysiology

Time: 10.30 am to 1.30pm

Marks: 75

#### SEMESTER - II

\*

#### Q.1 Multiple Choice Questions

 $(10 \times 02 = 20 \text{ Marks})$ 

1. Define Anaemia. Enlist its types.

- 2. Write causes of Cell injury.
- 3. Explain five cardinal signs of Inflammation
- 4. Define and enlist the types of hepatitis
- 5. Write the diagnosis of COPD
- 6. Write signs & symptoms and management of Atherrosclerosis.
- 7. Write the difference between acute and chronic peptic ulcer.
- 8. Classify stroke.
- 9. Write the causative agent of a) Typhoid b) T. B.
- 10. Write treatment of cancer.

#### Q. 2 Write a note on (Answer 7 out of 9)

(5 X 7 = 35 marks)

- 1. PD
- 2. Asthma
- 3. Thyroid disease
- 4. IBD
- 5. Gout
- 6. Syphilis
- 7. Inflammation
- 8. CCF
- 9. Angina

#### Q. 3. Long Answer Questions (Answer 2 out of 3)

 $(10 \times 2 = 20 \text{ marks})$ 

- 1. Discuss in detail pathophysiology of Renal failure.
- 2. Discuss in detail pathophysiology of Tuberculosis.
- 3. Discuss in detail pathophysiology of myocardial infarction.

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# COLLEGE OF PHARMACY, VILAD-GHAT AHMEDNAGAR

## PRELIMINARY EXAMINATION 2018-19

Class: First Year B. Pharm

Date: 11/04/2019

Subject: Biochemistry

Time: 10.30 am to 1.30pm

Marks: 75

#### SEMESTER - II

Q.1 Multiple Choice Questions

 $(20 \times 01 = 20 \text{ Marks})$ 

- Coenzyme A is derived from
  - a) Pantothenate b) riboflavin c) thiamine d) biotin
- 2. Uricase is used for
  - a) Skin ulcer b) activiral
- c) gout d) blood clot
- 3. Which RNA act as carrier of an amino acid to the ribozome
- a) mRNA b) rRNA c) tRNA d) dsRNA
- 4. Which of the following type of RNA codes for protein
  - a) mRNA
- b) rRNA
- c) tRNA d) dsRNA

- 5. Tyrosine is
  - a) Aliphatic amino acid b) Neutal amino acid
- c) Acidic amino acid

- d) Aromatic amino acid
- 6. Carbomoyl phosphate reacts with ornithine to form
  - a) ornithine b) Arginosuccinate
    - c) fumarate d) malate
- 7. Ketone bodies are produced in
  - a) Kidney
- b) liver
- c) brain d) intestine

- 8. Lipids are
  - a) Hydrophilic b) Hydrophobic
- c) both d) None
- 9. Enzyme responsible for conversion of pyruvate to lactate
  - a) Pyruvate dehydrogenase d) Lactate dehydrogenase
- b) Lactate syntase
- c) Lactate hydrogenase
- 10. Glucose 6- phosphate is converted to glucose by
  - a) Hexokinase
    - b) Glucose 6 phosphatase phosphate dehydrogenase
- c) Isomerase d) Glucose 6-

- 11. PPP occurs in
  - a) Liver
- b) Brain



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14.	Haemog	шоош	12	HIC	CXamp	IC	OI

- a) Primary structure b) Secondary structure c) Tertiary structure d) Quaternary structure
- 13. Estrogen is a ----- hormone.
  - a) male
- b) female
- c) both d) None of above

#### 14. The end product of digestion of proteins is -----

- a) glucose
- b) amino acids
- c) glycerol d) fatty acids

#### 15. Serotonine is synthesised from

- a) Tryptophane
- b) Glysine
- c) Tyrosine d) Phenyl alanine

#### 16. If ^G 0 then reaction is

a) Exergonic b) Endergonic c) Both d) None

#### 17. ^ S is known as

- a) Entrophy b) Enthalpy c) Both d) None

#### 18. Tyrosine is convertated in L DOPA

- a) Oxidation b) Decarboxylation
- c) Hydroxylation d)Carboxylation

#### 19. Post hepatic jaundice is known as

- b) Parenchymatous jaundice c) Pre jaundice a) Haemolytic jaundice d) Obstructive jaundice
- 20. On The unit of enzyme activity measurement is
  - a) Curie
- b) mg
- c) Katal d) base pair

#### Q. 2 Write a note on (Answer 7 out of 9)

(5 X 7 = 35 marks)

- 1. Give synthesis and biological significance of serotonine.
- 2. Note on transcription.
- 3. Comment on conversion of cholesterol into bile acids.
- 4. Write about classification of enzymes.
- 5. Explain the characteristic features if genetic code.
- 6. Comment on glycogen metabolism.
- 7. Explain B- oxidation.
- 8. Differentiate between endergonic and exergonic reactions.
- 9. Note on jaundice.

#### Q. 3. Long Answer Questions (Answer 2 out of 3)

 $(10 \times 2 = 20 \text{ marks})$ 

- 1. Explain electron transport chain. Note on oxidative phosphorylation.
- 2. Explain citric acid cycle with it's energetic.
- 3. Describe biosynthesis and degradative pathway of purine nucleotides.



College of Pharmacy Ahmednagar

# Padmashree Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY

#### VILAD-GHAT AHMEDNAGAR

Preliminary Theory Examination (2018- 2019)
SEMESTER: II

CLASS: First Year B. Pharm SUBJECT: Pharm. Org. Chem-I

Date: 19/04/2019

Time: 3 Hrs Marks: 75

#### Q.1 Answer the following- Questions

- 20 Marks

- 1) What is hybridization? Enlist the types with example.
- 2) Write classification of organic compounds on basis of functional group.
- 3) Draw structures of organic compounds-i) 3-methyl-2-pentanone ii) 1,3,5-tribromobenzene
  - iii) 1-ethoxy propane iv) 2-methyl-2-butene
- 4) Give uses of paraffins.
- 5) Arrange following compounds in increasing order of acidity and explain it.
  - i) dichloroacetic acid ii) chloroacetic acid iii) formic acid iv) trichloroacetic acid
- 6) Write about electromeric effect in carbonyl compounds.
- 7) Give some qualitative tests of carboxylic acids.
- 8) Give structure and uses of Benzyl alcohol, Glycerol, Propylene glycol.
- 9) Write about basicity of aliphatic amines.
- 10) Write about halogenation of alkanes.

### Q.2 Answer the following (Any two)

- 20 Marks

- a) What are SN1 and SN2 reactions? Explain SN<sub>1</sub> reaction with mechanism and stereochemistry along with factors affecting rate of SN<sub>1</sub> reaction with example.
- b) What are E1 and E2 reactions? Explain SN<sub>1</sub> reaction with mechanism and stereochemistry along with factors affecting rate of E<sub>1</sub> reaction with example.
- c) Write about electrophilic addition and free radical addition reactions of conjugated dienes with examples.



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#### Q.3 Answer the following (Any 7)

- 35 Marks

- a) Define and give classification of isomerism with example. Explain about Structural isomerism.
- b) Explain about ozonolysis.
- c) Write about reaction and mechanism of Perkin reaction and Benzoin condensation.
- d) What is aldol condensation and cannizzaro reaction. Explain with suitable example.
- e) Discuss about allylic rearrangement with examples.
- f) Discuss about Markownikoff's rule and antimarkownikoff's rule with examples.
- g) Explain about SP<sup>2</sup> hybridization in alkenes.
- h) Give idea about acidity of carboxylic acids. Discuss about effect of substituents on acidity of carboxylic acids with example.

i) Explain Saytzeff's rule with examples.

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# DR. VITHALRAO VIKHE PATIL FOUNDATION'S COLLEGE OF PHARMACY, VILAD-GHAT AHMEDNAGAR

# PRELIUM EXAMINATION 2018-19

Class:	First Year B. Pharm	Date: 0 <b>g</b> /04/2019
Subjec	et: H.A.P II	Time: 10.30 am to 1.30pm
Mark	s: 75	
	SEMESTER	- II
****	************	*******
Q.1 M	Iultiple Choice Questions	(20  X  01 = 20  Marks)
1.	Nervous system consists of two principal k a) neuroglia & neuron b) nerves & neuron	inds of cells; & c) neuroglia & nephron
2.	A tooth is made up of a very hard material (a) Pentin b) dentin c) crown	called
3.	The opening of the glottis is closed by the - a) epidermis b) epiglottis	during swallowing.
4.	a) Estrogen b) Oxytocin	ter the birth of a baby. c) ADH
5.	a) Insulin b) Glucagon	c) Both
6.	a) ATP b) AMP c) ADP	ation, aerobic respiration and fermentation
7.	Transcription produces a single stranded - a) m b) t c) r	RNA.
8.	a) Cerebrum b) Cerebellum	c) Midbrain
9.	Adrenal medulla secrets a) melamine b) adrenaline	c) serotonin
10	O. Liver is situated in abdominal cavity on a) Left b) right c) lateral	side.
1	The diaphragm is stimulated by ne     a) Phrenic b) cranial c) sp	rves. inal
12	<ol> <li>The act of passing of urine to the exterior</li> <li>a) maturation</li> <li>b) urination</li> <li>c) m</li> </ol>	is called as TRUE CO

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a	)	m	b) r	c) t		
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				c) oxytocin	hormone.	
				ts on c) amino ac	ids	
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			normally st	tores the	c) none of a & b	
a	1)	glucose	b) amino	acids c)	glycerol	
14	Tł	ne end prod	duct of diges	tion of fats are		
			b) female			
10.1	10	nogen is a	a hor	mone.		

- 1. kidney
- Ovaries
- Thyroid hormone
- 4. Stomach
- Nephron 5.
- Female reproductive cycle
- 7. **BMR**
- Neurotransmission 8.
- Nose

#### Q. 3. Long Answer Questions (Answer 2 out of 3)

 $(10 \times 2 = 20 \text{ marks})$ 

- 1. Define respiration. Explain in detail mechanism of breathing and exchange of gases during respiration.
- 2. Draw a neat labelled diagram of spinal cord. Explain in detail functional components of reflex arc.
- 3. Explain in detail physiology of digestion and absorption.



College of Phermacy Ahmednagar

Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F.J. B-Pharm.

Date: 09/04/2019

Name of Supervisor: MKT RU

Subject: HAP II

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	(AB)	26	Cak	51	Chrathod
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18	ans.	43	M R Naik	68	
19	Provide	44	AKShata	69	
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24	U. B. Gotral	49	Fuhita	74	
25	Birrar.	50	Sneld	75	
20	Aditik		Januar -		

62 Students Appeared: **Students Present:** 59

Students Absent: 03

College Pharmacy

Signature of Supervisor 2)

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Vilad Ghat, Ahmednagar.

## PRELIMINARY EXAMINATION (Student Attendance Report)

F.Y. B. Pham.

Date: 10/ 04/2019

Name of Supervisor: JBW, BSK

Subject: POCI

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature ,
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03	RRBatoy.	28	stay	53	Bangate
04	Sanka	29	(Koro/voin)	54	RI
05	Aspagnat	30	OKK	55	Sandil
06	Saland.	31	Recogial	56	Subbenj
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09	Pratikoha	34	Bomby.	59	A
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17	Jeaj	42	Anair	67	
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19	Dhuyale.	44	Akshata	69	
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21	of Maghters.	46	nelle	71	
22	Selachters.	47	Before.	72	
23	V.B. Gotral	48	Bay.	73	
24	Queen.	49	Ruchity.	74	
25	Aditik	50	Snehel	75	

College

Pharmacy

Students Appeared: **Students Present:** Students Absent:

(JULL)

Signature of Supervisor

TRUE CON (SMA) College of Pivermacy

Ahmednagar

Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F.Y. B. Phaam.

Date: 11/04/2019

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	(Ab)	26	(dix)	51	(246)
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05	Bragmar	30	Aus	55	(06)
06	Schand	31	Teorial.	56	(Ath)
07	Trophorti.	32	(Ab)	57	(Ab)
08	Shilliam.	33	al-	58	(Ab)
09	Pratiksha	34	(Ab)	59	Ab
10	Bours	35	Mahanava. R.B	. 60	(Ab)
11	Gavin	36	Ab -	61	(Ab)
12	ABosude.	37	Hanni	62	Ab
13	Aujoidito.	38	Butuja	63	
14	-Aalal	39	Russ	64	
15	Sy	40	Maske	65	
16	Beson.	41 ^	444	66	
17	Garaj	42	Sheik	67	
18	Dus	43	m. Rrain	68	
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Students Appeared: 62
Students Present: 46

Students Absent: 16

College Value of Internacy of Pharmacy of

Signature of Supervisor

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College of Pharmacy
Ahmednagar

#### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Vilad Ghat, Ahmednagar.

# Class: F.J. B Pharm Date: 12/64/2019

Date: 12/64/2019

Name o	f Supervisor:		A 1.7	Date: [2/	
Roll No.	1	Roll No.	∌ V Signature	Subject:	Pathophysiol . 9
01	(Ab)	26	Odla	Roll No.	Signature An Pathod
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25	Dlitik-	50		75	

Students Appeared: Students Present: Students Absent: 06



Signature of Supervisor

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# COLLEGE OF PHARMACY.

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COPH/Exam./2019-20/ 207

Date: 11/11/2019

# PRILIMINARY EXAMINATION 2019-20

CLASS: F. Y. B. Pharmacy

**SEMESTER: I** 

TIME: 10.30 AM to 01.30 PM

Day	Date	Subject
Monday	18/11/2019	Human Anatomy & Physiology –I
Tuesday	19/11/2019	Pharmaceutical Analysis -I
Wednesday	20/11/2019	Pharmaceutics I
Thursday	21/11/2019	Pharmaceutical Inorganic Chemistry

Prof. N. S. Pawar **Exam Incharge** 

Prof. H. J. Pagar **Examination officer** 

Dr. P. Y. Pawar PRINCIPAL College of Pharmacy Ahmednagar

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# COLLEGE OF PHARMACY.

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OUTGO OF

COPH/Exam./2019 -20/ 206

Date: 11/11/2019

## **NOTICE**

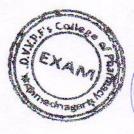
All the non teaching staff are hereby informed that **PRILIMINARY EXAMINATION 2019-20 for F. Y. B. Pharmacy (Semester I)** is scheduled in the third week of November from 18/11/2019 to 21/11/2019.

Prof. N. S. Pawar Exam Incharge

Prof. H.J. Pagar Examination officer

Vegor!

Dr. P. Y. Pawar PRINCIPAL College of Pharmacy, Ahmednagar.









# COLLEGE OF PHARMACY,

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COPH/Exam./2019 -20/ 205

# Date: 11/11/2019

# NOTICE

All the teachers of F. Y.B. Pharmacy are here by informed that the PRILIMINARY EXAMINATION 2019-20 (Semester I) is scheduled in the fourth week of November from 18/11/2019 to 21/11/2019.

So all are requested to submit typed question papers of concerned subjects on or before 15/11/2019.

Prof. N. S. Pawar

**Exam Incharge** 

Mary

**Examination officer** 

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College of Pharmacy, Ahmednagar.









# COLLEGE OF PHARMACY.

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COPH/Exam./2019 -20/ 204



Date: 11/11/2019

# **NOTICE**

All the students of F. Y.B. Pharmacy are here by informed that the <u>PRILIMINARY</u> <u>EXAMINATION 2019-20 (Semester I)</u> is scheduled in the third week of November from 18/11/2019 to 21/11/2019.

Prof. N. S. Pawar Exam Incharge

Prof. H.J./Pagar Examination officer Dr. P. Y. Pawar PRINCIPAL College of Pharmacy,

Ahmednagar.







#### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Ahmednagar Prelim Examination (2019-2020) F.Y.B.PHARMACY SEMESTER: I (First)

Pharmaceutical Inorganic Chemistry

Max. Marks: 75

Date: 21/11/2019

Time: 3 Hrs

[20]

#### \* Q.1 Define & Explain following.

- Pharmacopoeia & Monograph
- 2. Anticaries Agent
- 3. Water
- 4. Astringents
- 5. ORS (Oral Rehydration Salt)
- 6. Gutzeit's test apparatus
- 7. Sources of impurities in pharmaceuticals
- 8. Emetics
- 9. Hematinic
- 10. Acids, Bases

#### Q.2 Attempts any two of the following.

[20]

- 1. Write in detail about sources of impurities in Pharmaceuticals.
- 2. Elaborate buffer systems of body & Explain physiological acid base balance
- 3. Discuss about Essential and trace ions & explain Physiological role of Calcium & Magnesium in body

#### Q. 3 Answer the following question [Any 7]

[35]

- 1. Explain the role of fluorides in tooth decay.
- 2. Discuss about Intra & Extra Cellular Electrolyte
- 3. What is electrolyte replacement therapy?
- 4. Discuss Methods of softening water
- Give the brief history of Indian Pharmacopoeia
- 6. Explain the role of sodium, potassium and calcium in body
- 7. Define antidotes and explain their mechanism of action
- 8. Explain Ammonium Chloride as Expectorant
- 9. Explain different pharmacopoeias



College of Phermacy Ahmednagar

### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY, Ahmednagar Prelim Examination (2019- 2020) F.Y.B.PHARMACY SEMESTER: I (First)

#### Pharmaceutics I

\* Time: 3 Hrs Max. Marks: 75 Date: 20/11/2019 \*\*\*\*\*\*\*\*\*\* [20] Q.1 Solve following objective question. 1. Write Diling's and Young's formula for dose calculation Define Suspension and Emulsion. Write difference between ointment and cream. Define Syrup and elixirs. 5. Define dosage form. Classify it. 6. Write on pharmacy as a career. 7. Write formula for dose calculation on the basis of body surface area. 8. Define suppository. Classify it. 9. Write on errors in prescription. 10. Define incompatibility. Write its type. [20] Q.2 Attempts any two of the following. 1. Explain evaluation of semisolid dosage form. 2. Explain various solubility enhancement techniques. 3. Define Posology. Explain factors consider for selection of dose of drug. Q. 3 Answer the following question [Any 7] [35] Explain stability of emulsion. Explain therapeutic incompatibility in detail. 3. Explain evaluation of suppository in details. 4. Explain ointment bases in detail. 5. Define Prescription. Explain parts of prescription in detail.

6. Explain method of preparation of suppository.

Explain method of preparation of suppositorExplain evaluation of liquid dosage form.

8. Classify suspending and emulsifying agent. Explain in short.

9. Explain responding to prescription.





#### Dr. Vithalrao Vikhe Patil Foundation's COLLEGE OF PHARMACY VILAD GHAT, AHMEDNAGAR

AHMEDNAGAR SEAT No.

Preliminary Theory Examination (2019- 2020)

SEMESTEI	I (2019 Pattern-Credit System)
*****	** <del>*</del> *******************

CLASS: First Year B. Pharm. SUBJECT: Pharm. Analysis I

\*\*\*\*\*\*\*\*\*\*

**Date: 19**/11/2019 **Time:** 3 Hrs

Marks: 75

Instructions to the candidates:

1) All questions are compulsory

2) Figures to the right indicate full marks.

#### Q.1 Objective type questions

20

- 1. Name oxidizing and reducing agents.
- 2. Define normality and molarity.
- 3. Define molecular weight and equivalent weight.
- 4. Explain theories if acid and base
- 5. Define molecular conductance and equivalence conductance.
- 6. Define chelating and complexing agents.
- 7. Enlist steps in gravimetry.
- 8. Explain the term solubility product.
- 9. Differentiate between Mohr's and Volhard's method.
- 10. Differentiate between iodimetry and iodometry.

#### Q.2 Long answer (Any 02)

20

- 1. Explain in detail neutralization curves (with examples) of
  - a) Strong acid & Strong base titration.
  - b) Strong base & weak acid titration
- Explain the term electrochemical analysis. Explain different types of conductometry.
- 3. Explain different indicator system used in redox titration.

#### Q.3. Short answers (Any 07)

35

- 1. Define Primary standard. Enlist requirements of primary standards.
- 2. Preparation and Standardization of 0.1 M perchoric acid.
- 3. What do you mean by qualitative and quantitative analysis?
- 4. Discuss in brief Ostwald's theory.
- 5. Applications of non-aqueous titration
- 6. Errors in analysis.
- 7. Note stander hydrogen electrode.
- 8. Explain the term digestion of precipitate
- 9. Note on metallochrome indicator.



College of Phermacy Ahmednagar

# COLLEGE OF PHARMACY, VILAD-GHAT AHMEDNAGAR

#### PRELIUM EXAMINATION 2018-19

Class: FirstYear.B.Pharm

Date: \\ 8/11/2019

Subject: H.A.P. - I

Time: 10:30 am-6 30pm

Marks: 75

\*

Q.1 Answer all questions (Objectives) (Two marks each)

 $[2 \times 10 = 20]$ 

- 1. Draw a well labelled diagram of Ear
- 2. What are the bones of axial & appendicular system
- 3. What are the different types of bones
- 4. Distinguish between artery & vein.
- 5. Explain basic life processes.
- 6. Write functions of skeletal system
- 7. Give the functions of lymphatic tissue.
- 8. Write the composition of Lymph
- 9. Explain Osmosis.
- 10. Enlist clotting Factors

### Q. 2 Long answers (Any 2 out of 3)

 $[2 \times 10 = 20]$ 

- Discuss the anatomy of skeletal muscle & explain in detail physiology of muscle contraction. Add a note on neuromuscular junction.
- 2. Draw a neat well labelled diagram of interior of heart explain it and add a note on cardiac cycle.
- 3. Explain in detail various phases of cell division.



Principal
Coilege of Pharmacy
Ahmednagar

Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F.Y. B Pharm.

Date: 21 / 11 /2019

Name of Supervisor:

RSJ SAV

Subject: PIC

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	Sp. Alube.	26	Zamb	51	ShaikhsR.
02	- Battle	27	Lushi	52	Ab
03	Hud	28	PNKhade	53	Ab
04	Bhosode	29	Athle	54	Astron
05	Jakhu'	30	Khoset.	55	Rutytis
06	Eno.	31	5. Lavande	56	Ritigo
07	1- (16)	32	el.	57	(AP)
08	Dalui.	33	June -	58 .	Tandale mig-
09	Rallemi	34	Dagy!	59	O.N. Tapkin
10	(AG)	35	(Ab)	60	ThopateoI
11	Molage	36	Dhimase.	61	Amel:
12	(A6)	37	(Gmg 2	62	S.K. Thorat.
13	Dhakane P.A	38	Tauce	63	Alladinter
14	Whomane.	39	Faunt!	64	Blaghade:
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18	Gund	43	Rethod	68	
19	Shuth	44	Rejor	69	
20	Journahape	45	R. Dotenge	70	-16
21	Brughen	46	(AB)	71	
22	Roselier  Misobile  Misobile  Misobile  Misobile	47	gayesh.	72	
23	Bask!	48	Sauth	73	
24	Misedill	49	MX	74	
25	N.K.	50	ganiya	75	

66 Students Appeared:

**Students Present:** 58

Students Absent:

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Signature of Supervisor,

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College of Pharmacy Ahmednagar

Vilad Ghat, Ahmednagar,

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F. T. B Pham.

Date: 20/11/2019

Subject: Piceutics I DRMI BSK Name of Supervisor:

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	S. B. Anine	26	Skaml	51	Shairs P.
02	- Betute	27	Lushi	(52)	(Ab)
03	the	28	PNKhade	53	Reduinds.
04	& Bhogade	(29)	Ab	54	Case nate
05	Garry.	30	Knosg,	55	Ruhon
06	- King	31	5. Lavande	56	Rutuja
9	Ab	32	BW	57	(Ab)
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09	Peallavei_	34	DO TO	59	D.N. Tapkire
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11	Nehage	36	Dimase	61	Manus :
12)	Åb	37	Byez	62	S.K. Thorat
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14	Whomone.	39	Fowar,	64	Blaghod
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16	The	41 ^	ikachy.	66	Skramare
17	# Javandi	42	Rajport V.U.	67	-
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19	Strenti	44	Ryal	69	
20	Samathate-	45	R. Coleege	70	2
21		46	Ab	71	
22	A.S. Kamble	(47)	(Ab)	72	
23	8.01	48	Banant	73	
24	ntredice	49	Mer Saniya.	74	
25	Ale.	50	Sariya.	75	

Students Appeared:

66 57

**Students Present:** 

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Students Absent:

Signature of Supervisor

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DPM 20/11/19

TRUE COM College of Pharmacy Ahmednagar

Vilad Ghat, Ahmednagar.

## PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F.Y. B. Pham

Date: 19/11 /2019

Name of Supervisor:

CLLP MKT Subject: Phaom Analysis I

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	S.B. Anizo	26	(AB)	51	ShaikhsiR.
02	Batule	27	Lushie	52	(AB)
03	Hend	28	PNKhade	53	Paints-
04	Sphogade	29	(AB)	54	Charles
05	aubu.	30	khoseg	55	Rutuju
06	Fine	31	Silavande	56	Ruly
07	AB	32	el.	57	(AB)
08	Dalw:	33	Amm	58	Tandale mar.
09	Rallani	34	TOTAL ON	59	@.N.Tapkire
10	(AB)	35	= Abhis	60	ThopateOT
11	Nehano.	36	Phimase	61	Mmoj:
12	(XP3)	37	GM2	62	S.K. Thorat
13	Digkone PA	38	Chaware	63	Awadinkin
14	@hanare.	39	Faces.	64	Blaghade
15	Hiveria D'	40	AB	65	Donevan
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18	Great.	43	Rothod_	68	
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21		46	(FB)	71	
22	A.s. Kombe	47	(AD)	72	
23	Prote.	48	(Burant	73	
24	Mrestoce	49	Me	74	
25	the.	50	Sariya	75	

Students Appeared: 56

**Students Present:** 

**Students Absent:** 

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College

Pharmacy

Signature of Supervisor

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TRUE COMME (ALLIGNE) College of Phermacy Ahmednagar

Vilad Ghat, Ahmednagar.

# PRELIMINARY EXAMINATION (Student Attendance Report)

Class: F.Y.B. Pham.

Date: 18/ 11/201 9

Name of Supervisor: SMA LPP

Subject: HAPI

Roll No.	Signature	Roll No.	Signature	Roll No.	Signature
01	&.B. ALive	26	Forely	51	ShaikhsR.
02	Batule	27	Lushie	52	(AD)
03	Herry	28	PNKhade	53	(Rightnots.
04	-8Bhogada-	29	(AD).	54	Cog water
05	Sakun'.	30	Ichose.g	55	Rutiger
06	Fres-	31	5. Lavande	56	artij
07	(AD)	32	PL.	57	F AD
08	Dalin_	33	Puca-	58	Tundale mig.
09	Ralloui	34	BUTOLO)	59	O.N. Tapking
10	(An)	35	alpho -	60	Thopatest
11	Nehage	36	Doimase	61	May'
12	(AB)	37	(BM22	62	8.K. Thorat:
13	Dhakanep.p	38	Tauce	63	Awadiyku
14	@hanare.	39	Fawas.	64	Oldoshade.
15	Money -	40	Rustes	65	Denetor
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17	\$gewends	42	Raypoot V-U.	67	
18	djund.	43	@Rothod	68	
19	Think	44	Byai	69	
20	Janual apr	45	R. Polage.	70	/8
21	Comeghet	46	- (AD-	71	
22	As Kamble	47	Yayesh.	72	
23	Prod.	48	favort	73	
24	mhoesse	49	me	74	
25	**	50	Saniya	75	

Students Appeared:

**Students Present:** 

66 雪雪 57

Students Absent:

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College

Pharmacy

Signature of Supervisor 1)

SMA)

Ahmeenagar