



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F. Y. D. Pharmacy

Date: 17/10/2019

Time: 02.00 - 03.00 PM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following.	(2 Marks Each)	Marks 10	
			CO	LL
a)	Define i) Drug ii) Syrup		C101.1	U
b)	State the different editions of I.P. in chronological order.		C101.1	U
c)	How many parts of 25%, 18% & 12% alcohol do mix to obtain 15% alcohol?		C101.2	A
d)	Why injectable should not be stored in soda lime glass containers?		C101.2	U
e)	Highlight the importance of size reduction.		C101.3	R
f)	Why there is need for formulation of different dosage forms?		C101.1	A
g)	What are the advantages of liquid dosage form?		C101.1	R
Q.2	Answer any TWO of the following.	(3 Marks Each)	Marks 06	
			CO	LL
a)	Enlist the factors affecting size reduction and explain any two.		C101.3	R, U
b)	What is sieve number? Enlist the methods of size separation.		C101.3	R
c)	Draw a neat-labelled diagram of aerosol and give its application.		C101.2	A
Q.3	Answer any ONE of the following.		Marks 04	
			CO	LL
a)	Classify different dosage forms with examples.		C101.1	U
b)	Enlist the different types of containers. Write down the advantages and disadvantages of glass as packaging material.		C101.2	U

*****ALL THE BEST*****

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Nalwase
N. S. Talwase



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F.Y. D. Pharmacy

Date: 13/01/2020

Time: 10.30 - 11.30 AM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following.	(2 Marks Each)	Marks 10	
			CO	LL
a)	State the objectives of mixing. Enlist the semisolid mixing equipments.		C101.3	U
b)	Explain the different factors affecting rate of evaporation		C101.4	U
c)	Define and differentiate between simple distillation and fractional distillation.		C101.3	U
d)	Define i) Infusion ii) Dry distillation iii) Desiccation iv) Clarification		C101.3	R
e)	What is drying? Enumerate the applications of fluidized bed dryer.		C101.4	R
f)	What are advantages of water as menstruum for extraction?		C101.4	U
g)	Explain the principle, construction and working of filter press		C101.3	U
Q.2	Answer any TWO of the following.	(3 Marks Each)	Marks 06	
			CO	LL
a)	Explain the various factors affecting rate of filtration.		C101.3	U
b)	Draw a neat-labelled diagram of vacuum still and describe its theory.		C101.4	A
c)	Write a short note on hot extraction (soxhlation).		C101.4	U
Q.3	Answer any ONE of the following.		Marks 04	
			CO	LL
a)	Explain briefly about lyophilization.		C101.4	U
b)	Define homogenization. Explain the principle, construction and working of colloidal mill.		C101.3	R, U

*****ALL THE BEST*****

N.S. Talwar
N.S. Talwar



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F. Y. D. Pharmacy

Date: 16/03/2020

Time: 10.30 - 11.30 AM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following.	(2 Marks Each)	Marks 10	
			CO	LL
a)	Give any four reasons for film coating.		C101.5	U
b)	Define and classify Immunity.		C101.6	R, U
c)	List different excipients used in processing of capsule.		C101.5	R
d)	Differentiate between hard and soft gelatin capsules.		C101.5	U
e)	Enlist different manufacturing defect that may appears in tablets, and explain in brief anyone.		C101.5	R, U
f)	Why ophthalmic ointments are now days packed in capsules?		C101.5	U
g)	Write the disadvantages of formaldehyde gas when used for sterilization.		C101.6	U
Q.2	Answer any TWO of the following.	(3 Marks Each)	Marks 06	
			CO	LL
a)	Define sterilization. Classify different methods used for sterilization.		C101.6	U
b)	Describe in detail various oral cavity tablet.		C101.5	U
c)	What are different types of vaccines? Write method of preparation of small pox vaccine.		C101.6	U
Q.3	Answer any ONE of the following.		Marks 04	
			CO	LL
a)	Give principle, construction, working and application of autoclave.		C101.6	U
b)	Mention official and unofficial evaluation test for tablets. Describe weight variation test.		C101.5	U

*****ALL THE BEST*****

A. S. Patil
N.S. Patil



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F. Y. D. Pharmacy

Date: 16/10/2019

Time: 01.30 to 05.30 PM

Batch-A

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis

Marks 04

- a) Define i) Suspension ii) Drug
b) Enlist the factors affecting solubility of drug.
c) Write down the applications of aromatic waters.

CO No.	LL
C107.1	R 2M
C107.2	R 1M
C107.2	R 1M

Q. 2 Major Experiment

Marks 08

Aim: To prepare, evaluate and submit 30 ml Compound Sodium Chloride solution I.P.

CO No.	LL
C107.2	A

Q. 3 Minor Experiment

Marks 04

Aim: To prepare, evaluate and submit 20 ml Chloroform Water I.P

CO No.	LL
C107.2	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C107.1	U
C107.2	

***** ALL THE BEST *****

Dr. Nalwase
N. S. Patil



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F. Y. D. Pharmacy

Date: 14/10/2019

Time: 01.30 to 05.30 PM

Batch-B

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis

Marks 04

- a) Define i) Solution ii) Dosage form
b) Enlist the preparation methods of aromatic waters.
c) What is Disinfectant?

CO No.	LL
C107.1	R 2M
C107.2	R 1M
C107.2	R 1M

Q. 2 Major Experiment

Marks 08

Aim: To prepare, evaluate and submit 20 ml Cresol with Soap Solution I.P.

CO No.	LL
C107.2	A

Q. 3 Minor Experiment

Marks 04

Aim: To prepare, evaluate and submit 20 ml Chloroform Water I.P.

CO No.	LL
C107.2	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C107.1	U
C107.2	

***** ALL THE BEST *****

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N. S. Talware



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Subject Code: 0805

Class: F. Y. D. Pharmacy

Date: 11/10/2019

Time: 01.30 to 05.30 PM

Batch-C

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis

Marks 04

- a) Define i) Aromatic Waters ii) Pharmaceutical aid
b) Enlist the different methods of solubility enhancement.
c) State the pH of surgical chlorinated soda solution.

CO No.	LL
C107.1	R 2M
C107.2	R 1M
C107.2	R 1M

Q. 2 Major Experiment

Marks 08

Aim: To prepare, evaluate and submit 20 ml Cresol with Soap Solution I.P.

CO No.	LL
C107.2	A

Q. 3 Minor Experiment

Marks 04

Aim: To prepare, evaluate and submit 20 ml Chloroform Water I.P.

CO No.	LL
C107.2	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C107.1	U
C107.2	

***** ALL THE BEST *****

*As Nalwani
N.S. Talwar*



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F. Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-A

Subject Code: 0805

Date: 08/01/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04
		CO No. LL
a) What are advantages of alcohol as menstruum?		C107.3 R
b) State the difference between Tincture and Extract.		C107.3 U
c) Why imbibing stage is necessary before percolation?		C107.2 U
d) State category of magnesium oxide capsule?		C107.5 R
e) Draw a neat & well-labeled diagram of percolator.		C107.3 A
Q. 2 Major Experiment		Marks 08
		CO No. LL
Aim: To prepare, evaluate and submit granules ready for compression of Compound Sodium Bicarbonate Tablets I.P.	or	C107.5 A
Aim: To prepare, evaluate and submit granules ready for compression of 10 Calcium Lactate Tablets I.P.		
Q. 2 Minor Experiment		Marks 04
		CO No. LL
Aim: To prepare, evaluate and submit 5 Magnesium Oxide Capsules U.S.P.	or	C107.5 A
Aim: To prepare, evaluate and submit 10 ml Peppermint Spirit B.P. by simple solution method.	or	C107.3 A
Aim: To prepare, evaluate and submit 10 ml Clear Shampoo.	or	C107.4 A
Aim: To prepare, evaluate and submit 5 gm of Toothpaste.		C107.4 A
Q. 3 Viva Voce		Marks 04
		CO No. LL
		C107.2
		C107.3
		C107.4 U
		C107.5

***** ALL THE BEST *****

A. Nalwase
N. S. Talwar



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F. Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-B

Subject Code: 0805

Date: 06/01/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04
		CO No. LL
a) What are indicators used for adjustment of pH in strong ammonium acetate solution BPC?		C107.2 R
b) State the difference between Tincture and Spirit.		C107.3 U
c) Why glass mortar and pestle used for trituration of iodine and potassium iodide?		C107.2 U
d) State the other name of exhausted drug.		C107.3 R
e) Draw a neat & well-labeled diagram of soxhlet apparatus.		C107.3 A
 Q. 2 Major Experiment		Marks 08
		CO No. LL
Aim: To prepare, evaluate and submit granules ready for compression of Compound Sodium Bicarbonate Tablets I.P.	or	C107.5 A
Aim: To prepare, evaluate and submit granules ready for compression of 10 Calcium Lactate Tablets I.P.		
 Q. 3 Minor Experiment		Marks 04
		CO No. LL
Aim: To prepare, evaluate and submit 5 Magnesium Oxide Capsules U.S.P.	or	C107.5 A
Aim: To prepare, evaluate and submit 10 ml Peppermint Spirit B.P. by simple solution method.	or	C107.3 A
Aim: To prepare, evaluate and submit 10 ml Clear Shampoo.	or	C107.4 A
Aim: To prepare, evaluate and submit 5 gm of Toothpaste.		C107.4 A
 Q. 4 Viva Voce		Marks 04
		CO No. LL
		C107.2
		C107.3 U
		C107.4
		C107.5

***** ALL THE BEST *****

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Nalwan
N.S. Nalwan



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F. Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-C

Subject Code: 0805

Date: 03/01/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04
		CO No. LL
a) What are the ideal qualities of menstruum?		C107.3 U
b) State the difference between aqueous iodine solution & weak iodine solution.		C107.2 U
c) Final volume is not adjusted; Why? (orange tincture)		C107.3 U
d) State the synonym of compound benzoin tincture.		C107.3 R
e) Draw a neat & well-labeled diagram of hand operated capsule filling machine.		C107.5 A
Q. 2 Major Experiment		Marks 08
		CO No. LL
Aim: To prepare, evaluate and submit granules ready for compression of Compound Sodium Bicarbonate Tablets I.P.	or	C107.5 A
Aim: To prepare, evaluate and submit granules ready for compression of 10 Calcium Lactate Tablets I.P.		
Q. 2 Minor Experiment		Marks 04
		CO No. LL
Aim: To prepare, evaluate and submit 5 Magnesium Oxide Capsules U.S.P.	or	C107.5 A
Aim: To prepare, evaluate and submit 10 ml Peppermint Spirit B.P. by simple solution method.	or	C107.3 A
Aim: To prepare, evaluate and submit 10 ml Clear Shampoo.	or	C107.4 A
Aim: To prepare, evaluate and submit 5 gm of Toothpaste.		C107.4 A
Q. 3 Viva Voce		Marks 04
		CO No. LL
		C107.2
		C107.3
		C107.4 U
		C107.5

***** ALL THE BEST *****

A. J. Talwar
N. S. Talwar



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F. Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-A

Subject Code: 0805

Date: 11/03/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04	
		CO No.	LL
a)	Normally in what range is hardness required for good compressible tablet?	C107.5	U
b)	State the role of buffering agent and tonicity contributor in ophthalmic preparations.	C107.6	U
c)	State the different laboratory methods of preparation of WFI I.P.	C107.6	U
d)	Define Parenteral.	C107.6	R
e)	Give the other name of paracetamol.	C107.6	A

Q. 2 Major Experiment	Marks 08	
	CO No.	LL
Aim: To prepare, evaluate and submit granules ready for compression of 5 Paracetamol Tablets I.P.	C107.5	A
Aim: To prepare, evaluate and submit 10 ml WFI I.P./Sodium Chloride Injection I.P.	C107.6	

Q. 2 Minor Experiment	Marks 04	
	CO No.	LL
Aim: To prepare, evaluate and submit 10 ml of Zinc Sulfate Eye Drop I.P.	C107.6	A
Aim: To evaluate given tablets as per I.P.	C107.5	A

Q. 3 Viva Voce	Marks 04	
	CO No.	LL
	C107.5	U
	C107.6	

***** ALL THE BEST *****

N. S. Dalwani
N. S. Dalwani



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F. Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-B

Subject Code: 0805

Date: 09/03/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04
		CO No. LL
a) State the two uses of starch.		C107.5 U
b) What are pyrogens?		C107.6 U
c) Why white soft paraffin not used in the preparation of eye ointment?		C107.6 U
d) Name the filters used for sterile filtration.		C107.6 R
e) Name the different preservatives and their concentration used in ophthalmic preparations.		C107.6 A
 Q. 2 Major Experiment		 Marks 08
		CO No. LL
Aim: To prepare, evaluate and submit granules ready for compression of 5 Paracetamol Tablets I.P.	or	C107.5 A
Aim: To prepare, evaluate and submit 10 ml WFI I.P./Sodium Chloride Injection I.P.		C107.6
 Q. 2 Minor Experiment		 Marks 04
		CO No. LL
Aim: To prepare, evaluate and submit 10 ml of Zinc Sulfate Eye Drop I.P.	or	C107.6 A
Aim: To evaluate given tablets as per I.P.		C107.5 A
 Q. 3 Viva Voce		 Marks 04
		CO No. LL
		C107.5 U
		C107.6

***** ALL THE BEST *****

A.S. Talwar
N.S. Talwar



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutics-I

Class: F.Y. D. Pharmacy

Time: 01.30 to 05.30 PM

Batch-C

Subject Code: 0805P

Date: 13/03/2020

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis	(any four)	Marks 04	
		CO No.	LL
a) Write labeling requirements for ophthalmic preparations.		C107.6	U
b) What are aseptic conditions?		C107.6	U
c) State the disintegration time for sugar-coated tablets.		C107.5	U
d) State the quality control tests performed for Parenterals.		C107.6	R
e) What are the requirements of parenteral preparations?		C107.6	A

Q. 2 Major Experiment		Marks 08	
		CO No.	LL
Aim: To prepare, evaluate and submit granules ready for compression of 5 Paracetamol Tablets I.P.		C107.5	A
Aim: To prepare, evaluate and submit 10 ml WFI I.P./Sodium Chloride Injection I.P.		C107.6	

Q. 2 Minor Experiment		Marks 04	
		CO No.	LL
Aim: To prepare, evaluate and submit 10 ml of Zinc Sulfate Eye Drop I.P.	or	C107.6	A
Aim: To evaluate given tablets as per I.P.		C107.5	A

Q. 3 Viva Voce		Marks 04	
		CO No.	LL
		C107.5	U
		C107.6	

***** ALL THE BEST *****

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Nalwani
N.S. Nalwani



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code: 0806

Class: F.Y. D. Pharmacy

Date: 18/10/2019

Time: 2 PM to 3 PM

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

		Marks 10	
Q.1	Answer any FIVE of the following (2 Marks Each)	CO No.	LL
a)	Define anti-oxidants and calculate molecular weight of $\text{Na}_2\text{S}_2\text{O}_5$	C102.1	R
b)	Explain limitations of Arrhenius theory.	C102.2	U
c)	Give importance of Acids and Bases in Pharmacy.	C102.2	U
d)	Define buffer solutions and enlist classification.	C102.2	R
e)	Identify compound from its following synonym- i) Muriatic Acid (ii) Slaked lime	C102.2	A
f)	Enlist parameters in Monograph	C102.1	R
g)	Complete the following reaction, $\text{Na}_2\text{B}_4\text{O}_7 + \text{H}_2\text{SO}_4 + 5\text{H}_2\text{O} \longrightarrow ???$	C102.2	A
Q. 2 Answer any TWO of the following (3 Marks Each)		Marks 06	
		CO No.	LL
a)	Explain chemical properties of HCL in detail.	C102.2	U
b)	Describe- i) Selection criteria for Anti-oxidant and ii) Mechanism of action of Antacids.	C102.2	A
c)	Explain preparation methods of Ammonium Hydroxide.	C102.2	R
Q. 3 Answer any ONE the following (4 Marks)		Marks 04	
		CO No.	LL
a)	Describe monograph of Sodium Bicarbonate.	C102.2	R
b)	Write note on-Combination Antacid Preparations.	C102.2	U

*****ALL THE BEST*****


(Mr. C.D. Soname)



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code: 0806

Class: F. Y. D. Pharmacy

Date: 14/01/2020

Time: 10:30 AM to 11:30 AM

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

		Marks 10	
Q.1	Answer any FIVE of the following (2 Marks Each)	CO No.	LL
a)	Define Protectives and Adsorbents and give uses of Bismuth Sub-carbonate.	C102.2	R
b)	Explain physical properties of -a) Ammonium Carbonate b) Sodium Nitrite.	C102.2	U
c)	Give properties and uses of- (i) Oxygen (ii) Nitrous Oxide.	C102.2	R
d)	Mention allotropic forms of Sulphur.	C102.2	R
e)	Identify compound from its following synonym- (Any two) (i) China Clay (ii) Maddrell's Salt (iii) Laughing Gas	C102.2	A
f)	Write reaction for preparation of Silver Nitrate.	C102.1	R
g)	Explain- Silicone Polymers.	C102.2	U
		Marks 06	
Q. 2	Answer any TWO of the following (3 Marks Each)	CO No.	LL
a)	Write note on-Saline Cathartics and give preparation of Magnesium Sulphate.	C102.2	U
b)	Describe monograph of - i) Zinc Oxide OR ii) Ammonium Chloride.	C102.2	U
c)	Define and Classify- Antidote and Enlist Mechanisms of Action of Anti-microbial.	C102.2	A
		Marks 04	
Q. 3	Answer any ONE the following (4 Marks)	CO No.	LL
a)	What are topical agents? Classify them and give ideal properties of it.	C102.2	R
b)	Explain-Anti-Caries Agents and Monograph of Sodium Fluoride.	C102.2	U

*****ALL THE BEST*****


(Mr. C.D. Sonawane)



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Theory Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code: 0806

Class: F. Y. D. Pharmacy

Date: 17/03/2020


Time: 10:30 AM to 11:30 AM

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

		Marks 10	
Q.1	Answer any FIVE of the following (2 Marks Each)	CO No.	LL
a)	Prepare list of major physiological ions along with their daily body requirement.	C102.4	R
b)	Discuss causes of dehydration explain-Electrolyte repleinsher	C102.4	U
c)	Differentiate between- Isotopes and Isobar	C102.3	R
d)	Draw a well labelled diagram of Geiger Muller Counter.	C102.3	R
e)	Calculate mEq/litre of 0.9%w/v solution of NaCl.	C102.4	A
f)	Describe Errors in analysis and enlist various tests for purity.	C102.5	R
g)	Give formula for ORS.	C102.4	U
Q.2 Answer any TWO of the following (3 Marks Each)		Marks 06	
		CO No.	LL
a)	Give MF, MW, Properties, storage condition, incompatibility and uses of- Sodium Chloride	C102.4	U
b)	Give Id test for-1) Acetate 2) Chloride 3) Calcium	C102.6	U
c)	Explain official compounds of-1) Iron 2) Calcium	C102.4	A
Q.3 Answer any ONE the following (4 Marks)		Marks 04	
		CO No.	LL
a)	Define-Radioactivity and explain radiopharmaceuticals along-with properties of Alpha, Beta and Gamma rays.	C102.3	U
b)	Explain importance of Quality Control and discuss Limit test for- 1) Iron 2) Chloride	C102.5	A

*****ALL THE BEST*****


Mr. C. D. Sonawane



First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:15/10/2019

Time: 1:30PM-4:30PM


Batch-A

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis (Any Four)	4 Marks
a) Explain -Opalescence	CO No. LL C108.2 2
b) State the use of Barium Chloride and alcohol in the limit test of Sulphate	C108.2 2
c) Write chemical reaction involved in limit test of Iron.	C108.2 2
d) Why limit test for Heavy metals is performed?	C108.2 2
e) What is Neutralization reaction?	C108.2 2
Q. 2 Experiment	12 Marks
A) Major Experiment:	8 Marks
Aim:	
1) To perform and report Assay of-Boric Acid	C108.4 3
2) To perform and report Assay of-Sodium Bicarbonate	
Q. 3 Minor Experiment:	4 Marks
Aim: 1) To perform and report Limit test for Chlorides.	
2) To perform and report Limit test for Sulphate.	C108.2 3
3) To perform and report Limit test for Iron.	
Q. 4 Viva Voce	4 Marks
	CO No. LL C108.1 2

*****ALL THE BEST*****


Mr. C.D. Sonawane



First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:11/10/2019

Time: 1:30PM-4:30PM

Batch-B

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

		4 Marks	
Q. 1	Synopsis (Any Four)	CO No.	LL
a)	Enlist three Acids and Bases used in laboratory	C108.2	2
b)	State the reason for formation of opalescence.	C108.2	2
c)	Write principle for Boric Acid Assay.	C108.2	2
d)	Why lead acetate soaked cotton plug is used in Arsenic Limit test?	C108.2	2
e)	What is principle of limit test for Iron?	C108.2	2

Q. 2 Experiment **12 Marks**

A) Major Experiment: **8 Marks**

Aim:

- | | | |
|--|--------|---|
| 1) To perform and report Assay of-Boric Acid | C108.4 | 3 |
| 2) To perform and report Assay of-Sodium Bicarbonate | | |


Q. 3 Minor Experiment: **4 Marks**

Aim: 1) To perform and report Limit test for Chlorides.

- | | | |
|---|--------|---|
| 2) To perform and report Limit test for Sulphate. | C108.2 | 3 |
| 3) To perform and report Limit test for Iron. | | |

		4 Marks	
Q. 4	Viva Voce	CO No.	LL
		C108.6	2

*****ALL THE BEST*****


Mr. C.D. Sonawane

Institute of Pharmacy, Dhule (Diploma)



First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date: 12/10/2019

Time: 1:30pm-4:30pm

Batch-C

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Synopsis (Any Four)	4 Marks	
	CO No.	LL
a) Enlist any five glass-wares used in Pharmaceutical Chemistry Laboratory	C108.1	2
b) State the reason for use of Silver Nitrate in Chloride limit test.	C108.2	2
c) Write chemical reaction involved in limit test of Sulphate.	C108.2	2
d) Write the names of elements of VIIA group of periodic table.	C108.1	2
e) What is factor for Boric Acid Assay?	C108.4	2
 Q. 2 Experiment	 12 Marks	
A) Major Experiment:	8 Marks	
Aim:		
1) To perform and report Assay of-Boric Acid	C108.4	3
2) To perform and report Assay of-Sodium Bicarbonate		
 Q. 3 Minor Experiment:	 4 Marks	
Aim: 1) To perform and report Limit test for Chlorides.		
2) To perform and report Limit test for Sulphate.	C108.2	3
3) To perform and report Limit test for Iron.		
 Q. 4 Viva Voce	 4 Marks	
	CO No.	LL
	C108. 3	2

*****ALL THE BEST*****


 (Mr. T.D. Soname)



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:07/01/2020

Time: 1:30PM-4:30PM

Batch-A


Max. Marks: 20

Instructions:

- 1. All questions are compulsory.*
- 2. Draw a well labeled diagram wherever necessary.*

		4 Marks	
Q. 1	Synopsis (Any Four)	CO No.	LL
a)	Explain –Potassium permanganate acts as self-indicator.	C108.4	3
b)	State the reason for use of potassium iodide in assay of Iodine.	C108.4	3
c)	Write category of Hydrogen Peroxide.	C108.4	3
d)	Write principle for complex metric titrations.	C108.4	3
e)	What is I. P. standard for Hydrogen peroxide?	C108.4	3
Q. 2	Experiment		12 Marks
A)	Major Experiment:		8 Marks
Aim:			
1)	To perform and report Assay of-Ferrous Sulphate		
2)	To perform and report Assay of-Hydrogen Peroxide	C108.4	3
3)	To perform and report Assay of-Calcium Gluconate.		
Q. 3	Minor Experiment:		4 Marks
Aim:	1) To perform and report Identification test for Hydrogen Peroxide.		
	2) To perform and report Identification test for Boric Acid.	C108.5	3
Q. 4	Viva Voce		4 Marks
		CO No.	LL
		C108. 3	3

*****ALL THE BEST*****


M. C. P. Sonawane



Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:03/01/2020

Time: 1:30PM-4:30PM

Batch-B

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis (Any Four)

4 Marks

- | | CO No. | LL |
|---|--------|----|
| a) Write standards for Boric acid as per I. P. | C108.4 | 3 |
| b) Write reaction involved in assay of Sodium Chloride. | C108.4 | 3 |
| c) Define-Ligand. | C108.4 | 3 |
| d) Explain pharmaceutical uses of Hydrogen Peroxide. | C108.4 | 3 |
| e) Enlist indicators used in Iodine titration. | C108.4 | 3 |

Q. 2 Experiment

12 Marks

A) Major Experiment:

8 Marks

Aim:

- 1) To perform and report Assay of-Ferrous Sulphate
- 2) To perform and report Assay of-Hydrogen Peroxide
- 3) To perform and report Assay of-Calcium Gluconate.

C108.4 3

Q. 3 Minor Experiment:

4 Marks

- Aim:** 1) To perform and report Identification test for Hydrogen Peroxide.
2) To perform and report Identification test for Boric Acid.


C108.5 3

Q. 4 Viva Voce

4 Marks

	CO No.	LL
	C108.3	3

*****ALL THE BEST*****


 Mr. C.D. Sodawane

Institute of Pharmacy, Dhule (Diploma)



Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I
Subject Code:806
Class: F. Y. D. Pharmacy
Date: 04/01/2020
Time: 1:30pm-4:30pm
Batch-C
Max. Marks: 20
Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis (Any Four)
4 Marks

- | | CO No. | LL |
|---|--------|----|
| a) Explain-Oxidation and Reduction. | C108.4 | 3 |
| b) State the reason-Why Hydrogen peroxide is stored in plastic container. | C108.4 | 3 |
| c) Write procedure for Sodium thiosulphate standardization. | C108.3 | 3 |
| d) Define-Chelating agent. | C108.4 | 3 |
| e) Enlist organoleptic properties. | C108.5 | 3 |

Q. 2 Experiment
12 Marks
A) Major Experiment:
8 Marks
Aim:

- 1) To perform and report Assay of-Ferrous Sulphate
- 2) To perform and report Assay of-Hydrogen Peroxide
- 3) To perform and report Assay of-Calcium Gluconate.


C108.4 3
Q. 3 Minor Experiment:
4 Marks

- Aim:** 1) To perform and report Identification test for Hydrogen Peroxide.
2) To perform and report Identification test for Boric Acid.

C108.5 3
Q. 4 Viva Voce
4 Marks

CO No.	LL
C108. 3	2

*****ALL THE BEST*****


Mr. C. P. Sonawane



Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:14/03/2020

Time: 1:30PM-4:30PM

Batch-A


Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis (Any Four)	4 Marks
a) Write physical properties of Sodium Chloride.	CO No. LL C108.5 2
b) Write two Identification tests for Sodium Bicarbonate	C108.5 2
c) Which anions and cations are formed after ionization of Magnesium Sulphate?	C108.5 2
d) Write standards for Ferrous sulphate	C108.5 2
e) Write storage conditions of sodium acetate.	C108.5 2
Q. 2 Experiment	12 Marks
A) Major Experiment:	8 Marks
Aim:	
1) To perform and report Assay of- Calcium Gluconate	
2) To perform and report Assay of- Ferrous Sulphate	C108.4 3
3) To perform and report Assay of- Magnesium Sulphate.	
Q. 3 Minor Experiment:	4 Marks
Aim: 1) To perform and report Identification test for given sample.	C108.5 3
Q. 4 Viva Voce	4 Marks
	CO No. LL C108. 1 2

*****ALL THE BEST*****


M. C. P. Sonawane



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date:13/03/2020

Time: 1:30PM-4:30PM

Batch-B

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis (Any Four)

4 Marks

- | | CO No. | LL |
|---|---------------|-----------|
| a) Write molecular formula and weight of Ammonium Chloride. | C108.5 | 2 |
| b) Write category of sodium acetate. | C108.5 | 2 |
| c) Write two pharmaceutical applications of ferrous sulphate. | C108.5 | 2 |
| d) Write standards for dried Boric acid as per I. P. -1996 | C108.5 | 2 |
| e) Write the indicator used to identify magnesium ion. | C108.5 | 2 |

Q. 2 Experiment

12 Marks

A) Major Experiment:

8 Marks

Aim:

- 1) To perform and report Assay of- Calcium Gluconate
- 2) To perform and report Assay of- Ferrous Sulphate
- 3) To perform and report Assay of- Magnesium Sulphate.

C108.4 3

Q. 3 Minor Experiment:

4 Marks

Aim: 1) To perform and report Identification test for given sample.

C108.5 3

Q. 4 Viva Voce

4 Marks

CO No.	LL
C108.6	3

*****ALL THE BEST*****

Mr. C. D. Sarda



Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmaceutical Chemistry-I

Subject Code:806

Class: F. Y. D. Pharmacy

Date: 12/03/2020

Time: 1:30pm-4:30pm

Batch-C

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis (Any Four)

4 Marks

- a) Write solubility parameters of ferrous sulphate.
- b) Write labelling instructions of Hydrogen peroxide.
- c) What are identification tests?
- d) Write two synonyms of Boric acid.
- e) Write storage conditions of ammonium chloride.

CO No.	LL
C108.5	2
C108.5	2
C108.5	2
C108.5	2
C108.5	2

Q. 2 Experiment

12 Marks

A) Major Experiment:

8 Marks

Aim:

- 1) To perform and report Assay of- Calcium Gluconate
- 2) To perform and report Assay of- Ferrous Sulphate
- 3) To perform and report Assay of- Magnesium Sulphate.

C108.4 3

Q. 3 Minor Experiment:

4 Marks

Aim: 1) To perform and report Identification test for given sample.


C108.5 3

Q. 4 Viva Voce

4 Marks

CO No.	LL
C108.3	2

*****ALL THE BEST*****


Mr. C.D. Sonawane



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 19/10/2019

Time: 02.00 PM -03.00 PM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following	(2 Marks Each)	Marks 10	
			CO No.	LL
a)	Define Pharmacognosy. Give contribution of Galen in the development of Pharmacognosy.		C103.1	R,U
b)	Draw the different shapes of barks with examples.		C103.1	U
c)	Define Pharmaceutical aid and give any 4 classes with example.		C103.1	R,U
d)	Give difference between organized and unorganized crude drugs.		C103.2	U
e)	Write a note on Pharmacological method of Classification.		C103.2	U
f)	Write the contribution of Hippocrates and Seydler in the development of Pharmacognosy.		C103.1	R
g)	Define Trichomes. Give its classification with example.		C103.1	R,U
Q. 2	Answer any TWO of the following	(3 Marks Each)	Marks 06	
			CO No.	LL
a)	Explain the different methods of adulteration with example.		C103.5	U,A
b)	What are the methods of extraction of volatile oil?		C103.4	U
c)	Define Glycosides and explain test for Anthraquinone Glycosides.		C103.4	R,U
Q. 3	Answer any ONE of the following		Marks 04	
			CO No.	LL
a)	Define drug evaluation. Enlist the different methods of drug evaluation and explain in detail lycopodium spore method.		C103.5	R,U
b)	How Alkaloids are classified? Give identification of them by precipitation method.		C103.4	R,U

***** ALL THE BEST*****

R.T. Weore



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 15/01/2020

Time: 10.30 AM -11.30 AM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following	(2 Marks Each)	Marks 10	LL
			CO No.	
a)	Give any two examples of following families: i) Zingiberaceae ii) Liliaceae.		C103.3	R
b)	Name any two Chemical Constituents present in given crude drugs: i) Nux vomica ii) Rauwolfia.		C103.3	R
c)	Give the synonyms for following crude drugs: i) Devil's dung ii) Gokhru.		C103.3	R
d)	Mention which part of the plant is useful as a drug in case: i) Black pepper ii) Nutmeg.		C103.3	R
e)	Mention the adulterants of dried clove flower bud.		C103.3	U
f)	For identification of which crude drugs swelling factor is determined. Describe how will you determine it?		C103.5	U,A
g)	Define and write one example: i) Antiseptics ii) Carminatives.		C103.3	R
Q. 2	Answer any TWO of the following	(3 Marks Each)	Marks 06	LL
			CO No.	
a)	Write short note on : Digitalis OR Vinca		C103.3	R,U
b)	What are Umbelliferous fruits? Describe morphological characters of them with diagram.		C103.1	R,U
c)	Define and classify with examples resin and explain resin combinations.		C103.4	R,U
Q. 3	Answer any ONE of the following		Marks 04	LL
			CO No.	
a)	Classify tannins with suitable examples and give any two identification tests of them.		C103.4	R,U
b)	Explain the identification tests for i) Pale catechu ii) Asafoetida.		C103.5	R,U

***** ALL THE BEST*****

M. R. T. Deore



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 12/10/2019

Time: 01.30 PM – 04.30 PM Batch-A

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Spotting: (Any Four)

Marks 04

	CO No.	LL
a) Nutmeg	C109.1	R
b) Rhubarb	C109.1	R
c) Aconite	C109.1	R
d) Ephedra	C109.1	R
e) Vasaka	C109.1	R

Q. 2 Major Experiment:

Marks 08

Aim: To study the morphological and microscopical characteristics of:
A) Cinnamon B) Clove C) Datura.

CO No.	LL
C109.2-5	A

Q. 3 Minor Experiment:

Marks 04

Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Acacia B) Agar C) Honey.

CO No.	LL
C109.6	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.1	R,U

*****ALL THE BEST*****

PTD
Ms. R. T. Deore



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 15/10/2019

Time: 01.30 PM – 04.30 PM Batch-B

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

		Marks 04	
Q. 1	Spotting: (Any Four)	CO No.	LL
a)	Ajowan	C109.1	R
b)	Cardamom	C109.1	R
c)	Isapghula	C109.1	R
d)	Ashwagandha	C109.1	R
e)	Nutmeg	C109.1	R
		Marks 08	
Q. 2	Major Experiment:	CO No.	LL
Aim:	To study the morphological and microscopical characteristics of: A) Datura B) Clove C) Cinnamon.	C109.2-5	A
		Marks 04	
Q. 3	Minor Experiment:	CO No.	LL
Aim:	To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Agar B) Acacia C) Honey.	C109.6	A
		Marks 04	
Q. 4	Viva Voce	CO No.	LL
		C109.1	R,U

*****ALL THE BEST*****

PLZ
Ms. R. T. Deore



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 14/10/2019

Time: 01.30 PM – 04.30 PM Batch-C

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

		Marks 04	
Q. 1	Spotting: (Any Four)	CO No.	LL
a)	Black pepper	C109.1	R
b)	Tulsi	C109.1	R
c)	Cardamom	C109.1	R
d)	Ajowan	C109.1	R
e)	Aconite	C109.1	R

		Marks 08	
Q. 2	Major Experiment:	CO No.	LL
	Aim: To study the morphological and microscopical characteristics of: A) Clove B) Cinnamon C) Datura.	C109.2-5	A

		Marks 04	
Q. 3	Minor Experiment:	CO No.	LL
	Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Honey B) Agar C) Acacia.	C109.6	A

		Marks 04	
Q. 4	Viva Voce	CO No.	LL
		C109.1	R,U

***** ALL THE BEST*****

DR. R. T. DEOR



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 04/01/2020

Time: 01.30 PM – 04.30 PM Batch-A

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*


		Marks 04	
Q. 1	Spotting: (Any Four)	CO No.	LL
a)	Vinca	C109.1	R
b)	Gokharu	C109.1	R
c)	Colchicum	C109.1	R
d)	Amla	C109.1	R
e)	Neem	C109.1	R

		Marks 08	
Q. 2	Major Experiment:	CO No.	LL
	Aim: To study the morphological and microscopical characteristics of: A) Ipecac Root B) Ginger Rhizome C) Fennel Fruit.	C109.2-5	A

		Marks 04	
Q. 3	Minor Experiment:	CO No.	LL
	Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Bees Wax B) Myrrh C) Black catechu.	C109.6	A

		Marks 04	
Q. 4	Viva Voce	CO No.	LL
		C109.1	R,U

***** ALL THE BEST *****


R. J. Deore



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 07/01/2020

Time: 01.30 PM – 04.30 PM Batch-B

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

		Marks 04	
Q. 1	Spotting: (Any Four)	CO No.	LL
a)	Turmeric	C109.1	R
b)	Rauwolfia	C109.1	R
c)	Vinca	C109.1	R
d)	Neem	C109.1	R
e)	Amla	C109.1	R

		Marks 08	
Q. 2	Major Experiment:	CO No.	LL
	Aim: To study the morphological and microscopical characteristics of: A) Coriander Fruit B) Fennel Fruit C) Ipecac Root.	C109.2-5	A

		Marks 04	
Q. 3	Minor Experiment:	CO No.	LL
	Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Pale Catechu B) Kaolin C) Benzoin.	C109.6	A

		Marks 04	
Q. 4	Viva Voce	CO No.	LL
		C109.1	R,U

*****ALL THE BEST*****

M. R. T. Deora



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 06/01/2020

Time: 01.30 PM – 04.30 PM Batch-C

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Spotting: (Any Four)

Marks 04

- a) Turmeric
- b) Vinca
- c) Gokharu
- d) Amla
- e) Neem

CO No.	LL
C109.1	R
C109.1	R
C109.1	R
C109.1	R
C109.1	R

Q. 2 Major Experiment:

Marks 08

Aim: To study the morphological and microscopical characteristics of:
A) Ginger rhizome B) Fennel Fruit C) Coriander Fruit.

CO No.	LL
C109.2-5	A

Q. 3 Minor Experiment:

Marks 04

Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests: A) Myrrh B) Kaolin C) Black Catechu.

CO No.	LL
C109.6	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.1	R,U

***** ALL THE BEST *****

P.T.
Ms. R. T. Deore



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 12/03/2020

Time: 01.30 PM – 04.30 PM Batch-A

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Spotting: (Any Four)	Marks 04
a) Cotton	CO No. LL C109.1 R
b) Shatavari	C109.1 R
c) Garlic	C109.1 R
d) Asafoetida	C109.1 R
e) Silk	C109.1 R
Q. 2 Major Experiment:	Marks 08
 	CO No. LL
Aim: To study the morphological and microscopical characteristics of: A) Nux- vomica seed B) Cinchona Bark C) Senna Leaf.	C109.2-5 A
Q. 3 Minor Experiment:	Marks 04
 	CO No. LL
Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests A) Senna B) Starch C) Wool.	C109.6 A
Q. 4 Viva Voce	Marks 04
 	CO No. LL
	C109.1 R,U

*****ALL THE BEST*****

R.T.D.
Ms. R.T. Deore



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 14/03/2020

Time: 01.30 PM – 04.30 PM Batch-B

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Spotting: (Any Four)

Marks 04

	CO No.	LL
a) Liquorice	C109.1	R
b) Shankhapushpi	C109.1	R
c) Kaolin	C109.1	R
d) Cotton	C109.1	R
e) Asafoetida	C109.1	R

Q. 2 Major Experiment:

Marks 08

Aim: To study the morphological and microscopical characteristics of:
A) Cinchona Bark B) Senna Leaf C) Nux- vomica seed.

CO No.	LL
C109.2-5	A

Q. 3 Minor Experiment:

Marks 04

Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests A) Turmeric B) Silk C) Senna.

CO No.	LL
C109.6	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.1	R,U

***** ALL THE BEST*****

P.T.D.
M. R. T. Deok



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Pharmacognosy

Subject Code: 0807

Class: F.Y. D. Pharmacy

Date: 09/03/2020

Time: 01.30 PM – 04.30 PM Batch-C

Max. Marks: 20

*Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.*

Q. 1 Spotting: (Any Four)

Marks 04

- a) Wool
- b) Garlic
- c) Liquorice
- d) Shatavari
- e) Kaolin

CO No.	LL
C109.1	R
C109.1	R
C109.1	R
C109.1	R
C109.1	R

Q. 2 Major Experiment:

Marks 08

Aim: To study the morphological and microscopical characteristics of:
A) Senna Leaf B) Nux- vomica seed C) Cinchona Bark.

CO No.	LL
C109.2-5	A

Q. 3 Minor Experiment:

Marks 04

Aim: To identify unknown unorganized powder drug with the help of physical and chemical tests A) Cotton B) Starch C) Turmeric.

CO No.	LL
C109.6	A

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.1	R,U

***** ALL THE BEST *****

P.D. Desai



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 22.10.2019

Time: 2 PM-3 PM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following	(2 Marks Each)	Marks 10	
			CO No.	LL
a)	Define the terms: 1) Galactosemia 2) Pentosuria		C104.6	U
b)	Draw the structure of 1) Sucrose 2) Lactose		C104.4	U
c)	Define the term: 1) Glycogenolysis 2) Gluconeogenesis.		C104.6	U
d)	Enlist any four functions of Nucleus.		C104.1	R
e)	Define the term: 1) Thrombocytopenia b) Purpura		C104.6	U
f)	Write a note on Mutarotation.		C104.1	R
g)	Explain Molisch test with principle.		C104.5	R
Q. 2	Answer any TWO of the following	(3 Marks Each)	Marks 06	
			CO No.	LL
a)	Write a note on Diabetes Mellitus.		C104.6	U
b)	Write a note on Erythrocytes.		C104.1	R
c)	What are the abnormal constituents of urine? Give their significance.		C104.3	R
Q. 3	Answer any ONE of the following	(4 Marks Each)	Marks 04	
			CO No.	LL
a)	Write a note on Glycolysis.		C104.2	U
b)	Define Carbohydrates. Classify them and add a note on Reducing Sugar.		C104.4	U

*****ALL THE BEST*****

K. P. R. 10/10/19



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 16.01.2020

Time: 10:30 AM-11:30 AM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q.1	Answer any FIVE of the following	(2 Marks Each)	Marks 10	
			CO No.	LL
a)	Define the term: a) Alkaptonuria b) Beri-beri		C104.6	U
b)	Define essential and non-essential amino acids.		C104.4	U
c)	Name the deficiency disease of a) Vit D b) Vit B ₁ c) Biotin d) B ₁₂		C104.6	U
d)	Enlist biological importance of proteins.		C104.4	U
e)	Explain the test and principle of Xanthoproteic Test.		C104.5	R
f)	Define denaturation of protein and enlist factors affecting it.		C104.1	R
g)	Define the term: a) Egg white injury b) Maple syrup disease		C104.6	U
Q.2	Answer any TWO of the following	(3 Marks Each)	Marks 06	
			CO No.	LL
a)	Write a note on Vitamin C		C104.4	U
b)	Explain Physical properties of amino acids.		C104.5	R
c)	Write a note on Urea Cycle.		C104.2	U
Q.3	Answer any ONE of the following	(4 Marks Each)	Marks 04	
			CO No.	LL
a)	Classify amino acids on the basis of Structure & add a note on		C104.4	U
b)	Write a detailed account of Vitamin A.		C104.4	U

*****ALL THE BEST*****

Ka
Mo. K. R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 14.10.2019

Time: 1:30 PM-4:30PM

Batch-A

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C110.2	R
C110.3	R
C110.3	R
C110.2	R
C110.3	R

- State the principle involved in Molisch Test.
- Define Jaundice.
- Define Haematuria.
- State the color produced in iodine test with starch.
- Name inorganic constituents present in urine.

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C110.2	U

Aim: To identify given sample of carbohydrate.

Q. 3 Minor Experiment:

Marks 04

Aim: To detect abnormal constituents in the given sample of urine by qualitative tests.

CO No.	LL
C110.3	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

***** ALL THE BEST *****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 12.10.2019

Time: 1:30 PM-4:30PM


Batch-B

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)	Marks 04
a) Name organic constituents of urine.	CO No. LL C110.3 R
b) Define Albuminuria.	C110.3 R
c) State two examples of monosaccharides.	C110.2 R
d) State the principle involved in Benedict Test.	C110.2 R
e) Name two tests by which albumin can be detected in urine.	C110.3 R
Q. 2 Experiment	
Major Experiment:	Marks 08
Aim: To identify given sample of carbohydrate.	CO No. LL C110.2 U
Q. 3 Minor Experiment:	Marks 04
Aim: To detect abnormal constituents in the given sample of urine by qualitative tests.	CO No. LL C110.3 U
Q. 4 Viva Voce	Marks 04
	CO No. LL C110.1 R

***** ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 16.10.2019

Time: 1:30 PM-4:30PM

Batch-C

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C110.2	R
C110.3	R
C110.3	R
C110.3	R
C110.2	R

- a) Write the test for detection of glucose in urine.
- b) Define Polyuria.
- c) Name five abnormal constituents of urine.
- d) Write the test by which blood can be detected in urine.
- e) Write the principal involved in Fehling's test.

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C110.2	U

Aim: To identify given sample of carbohydrate.

Q. 3 Minor Experiment:

Marks 04

Aim: To detect abnormal constituents in the given sample of urine by qualitative tests.


C110.2	LL
C110.3	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 06.01.2020

Time: 1:30 PM-4:30PM

Batch-A

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

		CO No.	LL
a)	Give the Principle involved in Sakaguchi Test.	C110.2	R
b)	Name any two deficiency diseases of Proteins.	C110.2	R
c)	Give the deficiency disease of a) Vit C b) Vit D.	C110.2	R
d)	State the condition in which creatinine excretion is increased in the body.	C110.4	R
e)	What is atherosclerosis.	C110.3	R

Q. 2 Experiment

Major Experiment:

Marks 08

Aim: To identify the given sample of protein.

CO No.	LL
C110.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To estimate the quantity of creatinine in given sample of urine.

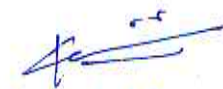
CO No.	LL
C110.4	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 04.01.2020

Time: 1:30 PM-4:30PM

Batch-B

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C110.3	R
C110.3	R
C110.2	R
C110.2	R
C110.3	R

- a) Give the Principle involved in Neumann's Test.
- b) Give any two Biological Importance of Proteins.
- c) Give the deficiency disease of a) Vit A b) Vit K.
- d) State the condition in which creatinine excretion is increased in the body.
- e) What is Egg White injury.

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C110.2	U

Aim: To identify the given sample of protein.

Q. 3 Minor Experiment:

Marks 04

CO No.	LL
C110.4	U

Aim: To estimate the quantity of creatinine in given sample of urine.

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 08.01.2020

Time: 1:30 PM-4:30PM

Batch-C

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- | | CO No. | LL |
|--|--------|----|
| a) Name the protein present in Milk. | C110.2 | R |
| b) What is principal of Neumann's reagent. | C110.2 | R |
| c) What is principal behind Biuret test. | C110.2 | R |
| d) State two differences between fats and oils. | C110.2 | R |
| e) What is principal involved in Modified Liebermann Burchardt reaction for estimation of total cholesterol in blood plasma. | C110.2 | R |

Q. 2 Experiment

Major Experiment:

Marks 08

Aim: To identify the given sample of protein.

CO No.	LL
C110.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To estimate the quantity of creatinine in given sample of urine.

CO No.	LL
C110.4	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****

PTD
Dr. P. P. P. P. P.



Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 09.03.2020

Time: 1:30 PM-4:30PM

Batch-A

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C110.2	R
C110.3	R
C110.2	R
C110.2	R
C110.2	R

- a) Define essential amino acid.
- b) Enlist the abnormal constituents of urine.
- c) State the principle for xanthoproteic test.
- d) Name the Confirmatory test for Arginine.
- e) Name the identification test for Tyrosine.

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C110.2	U

Aim: To identify the given sample of amino acid by qualitative analysis.

Q. 3 Minor Experiment:

Marks 04

CO No.	LL
C110.3	U

Aim: To detect abnormal constituent present in given sample of urine.

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

***** ALL THE BEST*****

Ms. K. R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 11.03.2020

Time: 1:30 PM-4:30PM

Batch-B

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- | | CO No. | LL |
|---|--------|----|
| a) Enlist the examples of aromatic amino acids. | C110.2 | R |
| b) Give the principle of Hopkin Cole test. | C110.2 | R |
| c) Define the term glycosuria. | C110.3 | R |
| d) Name the confirmatory test for Tryptophan. | C110.2 | R |
| e) Name the identification test for Cystein. | C110.2 | R |

CO No.	LL
C110.2	R
C110.2	R
C110.3	R
C110.2	R
C110.2	R

Q. 2 Experiment

Major Experiment:

Marks 08

Aim: To identify the given sample of amino acid by qualitative analysis.

CO No.	LL
C110.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To detect abnormal constituent present in given sample of urine.

CO No.	LL
C110.3	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****

K.R.
Ms. K.R. More



Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Biochemistry & Clinical Pathology

Subject Code: 0808

Class: F. Y. D. Pharmacy

Date: 14.03.2020

Time: 1:30 PM-4:30PM

Batch-C

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- | | CO No. | LL |
|---|---------------|-----------|
| a) Define essential amino acids with two examples. | C110.2 | R |
| b) Which chemical test should be performed to differentiate between Glycine & Arginine? | C110.2 | R |
| c) Discuss the principle behind King and Armstrong method using 4-amino antipyrine used for estimation of serum alkaline phosphatase. | C110.4 | R |
| d) Name deficiency diseases of calcium. | C110.2 | R |
| e) Give the principle for xanthoproteic test. | C110.2 | R |

Q. 2 Experiment

Major Experiment:

Marks 08

Aim: To identify the given sample of amino acid by qualitative analysis.

CO No.	LL
C110.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To detect abnormal constituent present in given sample of urine.

CO No.	LL
C110.3	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C110.1	R

*****ALL THE BEST*****

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Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 23.10.2019

Time: 2 PM-3 PM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

			Marks	
Q.1	Answer any FIVE of the following	(2 Marks Each)	10	
			CO No.	LL
a)	State any four functions of Epithelial Tissue.		C104.4	U
b)	Give any four functions of Mitochondrion.		C104.4	U
c)	Define the term: a) Angina Pectoris b) Myocardial Infarction.		C104.1	R
d)	Differentiate between Arteries and Veins.		C104.2	R
e)	Define the term: a) Polycythemia b) Leukemia.		C104.1	R
f)	Draw a well Labelled diagram of Neuron.		C104.3	U
g)	Mention any four functions of Blood.		C104.4	U
Q.2	Answer any TWO of the following	(3 Marks Each)	06	
			CO No.	LL
a)	Write a note on Blood Pressure.		C104.5	U
b)	Write a note on Cardiac Cycle.		C104.4	U
c)	Write a note on Blood Coagulation.		C104.4	U
Q.3	Answer any ONE of the following	(4 Marks Each)	04	
			CO No.	LL
a)	Define Anemia. Give types of Anemia and add a note on Sickle Cell Anemia.		C104.6	R
b)	Define Tissue. Classify them and add a note on Cartilages.		C104.2	R

*****ALL THE BEST*****

Kan
M. K. R. More



Shri Vile Parle Kelavani Mandal's

Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 17.01.2020

Time: 10:30 AM-11:30 AM

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

			Marks
		CO No.	LL
Q.1	Answer any FIVE of the following		10
			(2 Marks Each)
a)	Draw a well Labelled L.S. of kidney.	C104.3	U
b)	Explain components of Simple reflex arc.	C104.3	U
c)	Define the term i) Gout ii) Bronchial asthma.	C104.1	R
d)	Define the term i) Residual volume ii) Cheyne-Stokes Breathing.	C104.1	R
e)	Enlist any two functions of i) Medulla Oblongata ii) Cerebrum.	C104.4	U
	Give function and type of following nerves		
f)	i) Olfactory nerve ii) Trochlear nerve	C104.4	U
	ii) Auditory nerve iv) Trigeminal Nerve		
g)	State any two functions of i) CSF ii) Meninges	C104.4	U
Q. 2	Answer any TWO of the following		06
			(3 Marks Each)
a)	What is Lymph Node? Explain the structure of Spleen.	C104.3	U
b)	Define Joint. Classify them and add a note on Synovial Joint.	C104.2	R
c)	Explain the Physiology of ANS on various organs/physiological parameters.	C104.4	U
Q. 3	Answer any ONE of the following		04
			(4 Marks Each)
a)	Write a detailed account on Formation of urine & enlist functions of Kidney.	C104.4	U
b)	Define Respiration and explain the physiology of respiration.	C104.4	U

***** ALL THE BEST*****

K. R. More
Ms. K. R. More.



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 11.10.2019

Time: 01:30 PM- 03:30 PM

Batch-A

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C109.1	R
C109.1	R
C109.1	R
C109.1	R
C109.1	R

- a) Define Bleeding time
- b) Define Pulse rate
- c) Define Hemophilia.
- d) Define Bradycardia
- e) Name three anticoagulants used to preserve blood.

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C109.2	U

Aim: To determine the hemoglobin content in g% and oxygen carrying capacity of blood by Sahli Hellige's method.

Q. 3 Minor Experiment:

Marks 04

Aim: To determine radial pulse rate.

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.5	R

***** ALL THE BEST*****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 16.10.2019

Time: 01:30 PM- 03:30 PM

Batch-B

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- a) What is Thrombocytopenia
- b) State the function and location of Cilia.
- c) Define Tachycardia
- d) Enlist at least three types of anemia.
- e) State three functions of Hemoglobin.

CO No.	LL
C109.1	R
C109.5	R
C109.1	R
C109.1	R
C109.6	U

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To determine the hemoglobin content in g% and oxygen carrying capacity of blood by Sahli Hellige's method.

CO No.	LL
C109.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To determine clotting time of blood sample by capillary glass method

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.5	R

*****ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 15.10.2019

Time: 01:30 PM- 03:30 PM

Batch-C

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C109.1	R
C109.1	R
C109.1	R
C109.1	R
C109.1	R

- a) Define Bleeding time
- b) Define Pulse rate
- c) Define Hemophilia.
- d) Define Bradycardia
- e) Name three anticoagulants used to preserve blood.

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To determine the hemoglobin content in g% and oxygen carrying capacity of blood by Sahli Hellige's method.

CO No.	LL
C109.2	U

Q. 3 Minor Experiment:

Marks 04

Aim: To determine bleeding time of own blood by Duke's Method.


CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.5	R

*****ALL THE BEST*****


Ms. K. R. Male



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 03.01.2020

Time: 01:30 PM- 03:30 PM

Batch-A

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Four)

Marks 04

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

- a) Femur
- b) Sphygmomanometer
- c) WBC diluting pipette
- d) Scapula
- e) Respiratory System

Q. 2 Experiment

Major Experiment:

Marks 08

CO No.	LL
C109.3	U

Aim: To find out total WBC count in human blood

Q. 3 Minor Experiment:

Marks 04

CO No.	LL
C109.2	U

Aim: To record the heart rate using Stethoscope

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

***** ALL THE BEST *****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 08.01.2020

Time: 01:30 PM- 03:30 PM

Batch-B

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

- a) Femur
- b) Stethoscope
- c) RBC diluting pipette
- d) Clavicle
- e) Scapula

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To find out total WBC count in human blood

CO No.	LL
C109.3	U

Q. 3 Minor Experiment:

Marks 04

Aim: To record the Blood Pressure using Sphygmomanometer.

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

*****ALL THE BEST*****


Ms. K.R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 06.01.2020

Time: 01:30 PM- 03:30 PM

Batch-C

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- a) Femur
- b) Sphygmomanometer
- c) WBC diluting pipette
- d) Scapula
- e) Counting chamber

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To find out total WBC count in Human Blood

CO No.	LL
C109.3	U

Q. 3 Minor Experiment:

Marks 04

Aim: To record the Blood Pressure using Sphygmomanometer.


CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

*****ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 09.03.2020

Time: 01:30 PM- 03:30 PM

Batch-A

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- a) Stethoscope.
- b) WBC diluting pipette.
- c) Smooth muscle slide.
- d) L.S. of skin.
- e) Scapula.

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

Q. 2 Experiment

Major Experiment:

Marks 08

Aim: To count total number of RBC in human blood.

CO No.	LL
C109.3	U

Q. 3 Minor Experiment:

Marks 04

Aim: To determine clotting time of own blood by Duke's Method.

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

*****ALL THE BEST*****


Ms. R. R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 11.03.2020

Time: 01:30 PM- 03:30 PM

Batch-B

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

- a) Sphygmomanometer.
- b) Counting chamber.
- c) Femur.
- d) Smooth Muscle.
- e) L.S. of skin.

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To count total number of RBC in human blood.

CO No.	LL
C109.3	U

Q. 3 Minor Experiment:

Marks 04

Aim: To determine the blood group of the subject by ABO system.

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

*****ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Third Sessional Practical Examination A.Y. 2019-20

Subject: Human Anatomy & Physiology

Subject Code: 0809

Class: F. Y. D. Pharmacy

Date: 14.03.2020

Time: 01:30 PM- 03:30 PM

Batch-C

Max. Marks: 20

Instructions:

1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

Q. 1 Synopsis/Spotting (Any Five)

Marks 04

- a) Sphygmomanometer.
- b) Femur.
- c) Clavicle.
- d) Smooth muscle.
- e) L.S. of skin.

CO No.	LL
C109.4	R
C109.4	R
C109.4	R
C109.4	R
C109.4	R

Q. 2 Experiment

Marks

Major Experiment:

Marks 08

Aim: To count total number of RBC in human blood.

CO No.	LL
C109.3	U

Q. 3 Minor Experiment:

Marks 04

Aim: To determine the blood group of the subject by ABO system

CO No.	LL
C109.2	U

Q. 4 Viva Voce

Marks 04

CO No.	LL
C109.6	U

*****ALL THE BEST*****


Ms. K. R. More



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

First Sessional Theory Examination A.Y. 2019-20

Subject: Health Education & Community Pharmacy **Subject Code: 0810**
Class: F. Y. D. Pharmacy **Date: 24/10/2019**
Time: 2:00 PM to 3:00 PM **Max. Marks: 20**

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

		Marks 10	
		CO No.	LL
Q.1	Answer any FIVE of the following	(2 Marks Each)	
a)	Define Health as per WHO.	C106.1	R
b)	Write advantages and disadvantages of Condom as physical contraceptive method.	C106.2	U
c)	Explain Health indicators.	C106.1	U
d)	Define-1) Nutrition 2) Food	C106.1	R
e)	Enlist determinants of Health.	C106.1	A
f)	Give sources and functions of carbohydrates.	C106.1	R
g)	Define –Demography and Enlist stages of Demographic Cycle.	C106.2	A
		Marks 06	
		CO No.	LL
Q. 2	Answer any TWO of the following	(3 Marks Each)	
a)	Write functions of food and Classify food on different basis.	C106.1	A
b)	Explain concept of prevention of disease and Classify disease agents.	C106.1	A
c)	Explain consequences of Population growth in India.	C106.2	A
		Marks 04	
		CO No.	LL
Q. 3	Answer any ONE the following	(4 Marks Each)	
a)	Define-Vitamins and give their classification.	C106.1	R
b)	Write note on-Family Planning Methods.	C106.2	U

*****ALL THE BEST*****



Shri Vile Parle Kelavani Mandal's
Institute of Pharmacy, Dhule (Diploma)

Second Sessional Theory Examination A.Y. 2019-20

Subject: Health Education & Community Pharmacy Subject Code: 0810

Class: F. Y. D. Pharmacy

Date: 18/01/2020

Time: 10:30 AM to 11:30 AM

Max. Marks: 20

Instructions: 1. All questions are compulsory.
2. Draw a well labeled diagram wherever necessary.

		Marks 10	
		CO No.	LL
Q.1	Answer any FIVE of the following	(2 Marks Each)	
a)	Define first aid and enlist objectives of it.	C106.3	R
b)	Write auditory and non-auditory effects of Noise.	C106.4	U
c)	Define-Microbiology	C106.4	R
d)	Give mode of transmission for-1) Measles 2) Hepatitis-A	C106.5	R
e)	Give causative agent for-1) Rabies 2) AIDS	C106.5	A
f)	Draw a well labelled diagram of Septic tank.	C106.4	A
g)	Give first aid in Snake bite.	C106.3	U
		Marks 06	
		CO No.	LL
Q. 2	Answer any TWO of the following	(3 Marks Each)	
a)	Define Isolation and Enlist Methods of it and explain in detail-Pour Plate Method.	C106.4	U
b)	Classify communicable diseases with examples and Explain Malaria in detail.	C106.5	A
c)	Explain elements of minor surgery and dressing.	C106.5	A
		Marks 04	
		CO No.	LL
Q. 3	Answer any ONE the following	(4 Marks Each)	
a)	Describe methods for purification of water. Enlist methods for Disposal of solid waste.	C106.4	A
b)	Write note on-Sexually transmitted diseases.	C106.5	U

*****ALL THE BEST*****