



KMP COLLEGE OF PHARMACY

Asamannoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

II SEMESTER B.PHARM END SEMESTER EXAMINATION

EVALUATION GUIDELINES FOR PRACTICAL EXAMINATION

HUMAN ANATOMY AND PHYSIOLOGY II

Time: 4 hrs

Max. Marks: 35

I. SYNOPSIS

(2.5 x 2 = 5 Marks)

Principle and/or procedure of any two experiments mentioned in the syllabus.

II. SPOTTERS

(1x 5 = 5 Marks)

Include Charts/Models/ Instruments/ Devices.

III. EXPERIMENT

(20 Marks)

One Major Experiment OR Two Minor Experiments

Major Experiment includes: Basal Mass Index, Spirogram and Feedback Mechanism.

Mark Distribution for Major Experiment:

Conduct of Experiment	:	10 Marks Result +
Experiment Viva	:	10 Marks

Minor Experiment includes: Body temperature, Permanent slides, Visual activity and Reflex activity

Mark Distribution for Minor Experiment:

Conduct of Experiment	:	5 Marks Result +
Experiment Viva	:	5 Marks

VI. VIVA - VOCE

(5 Marks)

II SEMESTER B.PHARM END SEMESTER EXAMINATION



KMP COLLEGE OF PHARMACY

Asamannoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

EVALUATION GUIDELINES FOR PRACTICAL EXAMINATION

PHARMACEUTICAL ORGANIC CHEMISTRY I

Time: 4 hrs

Max Marks: 35

I. SYNOPSIS

(2.5 x 2 = 5 Marks)

Two questions may include

- Principles of preparation of organic compounds
- Qualitative tests for different functional groups

II. MAJOR EXPERIMENT

(15 Marks)

Identification of an unknown organic compound by a systematic qualitative analysis. Students shall not report the compound by its specific name. Report the result as

- Aliphatic/ Aromatic
- saturated/unsaturated
- Special elements contained in it(like nitrogen, sulphur or halogens)
- Solubility group
- Functional group it contains.

Compounds having the following functional groups may be given. i Phenols

- Amides
- Urea
- Carbohydrates
- Amines
- Carboxylic acids
- Aldehydes
- Ketones
- Alcohols
- Esters
- Hydrocarbons



KMP COLLEGE OF PHARMACY

Asamannoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

xii Nitrocompounds xiii
Anilides

III. MINOR EXPERIMENT (10 Marks)

Preparation of a suitable solid derivative from organic compounds (Procedure for the preparation may be given)

IV VIVA - VOCE (5 Marks)

SCHEME OF VALUATION

I. SYNOPSIS (5 Marks)

Full marks shall be given for correct and complete answer. i.e The answer shall be complete with chemical structure and chemical equations.

II. MAJOR EXPERIMENT (15 Marks)

Full credit shall be given for correct and complete answer.

Mark distribution	
Solubility group	: 1
Aliphatic/aromatic	: 1
Saturated/unsaturated	: 1
Detection of Special elements	: 4
Functional group	: 3
Qualitative tests including confirmatory tests	: 5

III. MINOR EXPERIMENT (10 Marks)

Full credit shall be given to the preparation if the compound prepared is of correct texture, colour, odour, dryness and yield. Marks shall be reduced proportionally if any of the above criteria is not satisfactory.



KMP COLLEGE OF PHARMACY

Asamannoor P.O., Poomala, Perumbavoor, Ernakulam, Kerala – 683 549

EVALUATION GUIDELINES FOR PRACTICAL EXAMINATION

BIOCHEMISTRY

Time: 4 hrs

Max Marks: 35

I. SYNOPSIS

(5 Marks)

Principle for any one quantitative or qualitative analysis

3 Marks Identification

tests for carbohydrates, proteins or abnormal constituents of urine

2 Marks

II. MAJOR EXPERIMENT

(15 Marks)

Any one of the quantitative estimation mentioned in the syllabus

General presentation such as brief procedure, observation columns and calculation (3 marks)

Evaluation of result:

0-1 % error	-	12 marks
1-2 % error	-	10 marks
2-3 % error	-	08 marks
3-4 % error	-	06 marks
5-10% error	-	04 marks
Above 10% error	-	02 marks

III. MINOR EXPERIMENT

(10 Marks)

Any one of the systematic qualitative analysis mentioned in the syllabus

- Identification of unknown carbohydrate or protein
- Detection of abnormal constituents of urine

Evaluation of result:

General presentation of observation columns	:	2 marks	Characteristic
& confirmatory tests	:	8 marks	

IV. VIVA VOCE

(5 Marks)