



KKMIP College Of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021

Pharmaceutical Organic chemistry II
(2017 Scheme)

Batch : ...A.....

Time : 4 Hours

Date : 22/11/2021 (FN)

Max. Marks : 35

I. Synopsis (2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Principle behind the preparation of Benzoic acid
- Define Iodine Value and give its significance

II. Major Experiment (1×15=15 Marks)

- Determine the acid value of the given sample of oil with standardized KOH solution & report

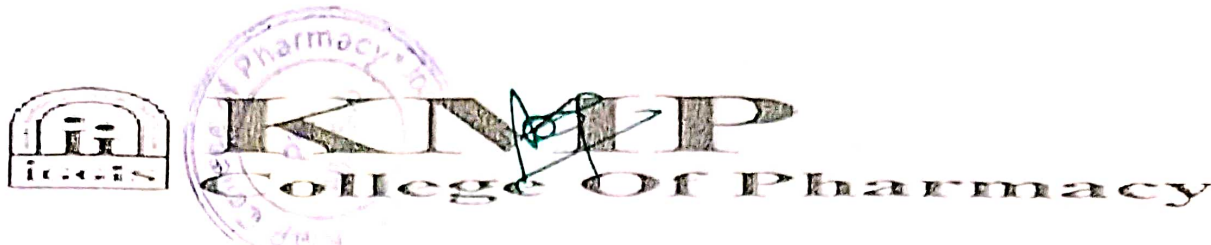
III Minor Experiment (10 Marks)

- Prepare and submit dry product of Phenyl benzoate and report

IV. Viva Voce (5Marks)

INTERNAL EXAMINER

EXTERNAL EXAMINER



KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021

Pharmaceutical Organic chemistry II
(2017 Scheme)

Batch : ...B.....

Time : 4 Hours

Date : 23/11/2021 (FN)

Max. Marks : 35

I. Synopsis (2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Principle behind the preparation of di benzalacetone.
- Define acid Value and give its significance

II. Major Experiment (1×15=15 Marks)

- Determine the acid value of the given sample of oil with standardized KOH solution & report

III. Minor Experiment (10 Marks)

- Prepare and submit dry product of Benzoic acid and report

IV. Viva Voce (5Marks)

INTERNAL EXAMINER

EXTERNAL EXAMINER



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College Of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021

Physical pharmaceutics I

(2017 Scheme)

Batch : ...A.....

Time : 4 Hours

Date : 23/11/2021 (FN)

Max. Marks : 35

I. Synopsis

(2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Solubility of Benzoic acid at room temperature by titration method
- Determination of true density of powder by Solvent displacement Method.

II. Major Experiment

Odd Nos

(1×15=15 Marks)

- Determine^{d_n} of Average particle size of Emulsion by Optical microscopic method

Even Nos

- Determine^{d_f} of partition coefficient of Benzoic acid in Benzene^A water

III Minor Experiment

(10 Marks)

- Determine^d of Solubility of the given sample at room temperature

IV. Viva Voce

(5Marks)

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INTERNAL EXAMINER

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23/11/21
EXTERNAL EXAMINER



KKMIP College of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021

Physical pharmaceutics I
(2017 Scheme)

Batch : ...B.....

Time : 4 Hours

Date : 22/11/2021 (FN)

Max. Marks : 35

I. Synopsis (2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Effect of glidants on flow property of granules.
- Particle size distribution of powder by sieving method

II. Major Experiment

Odd Nos

(1×15=15 Marks)

- Determination of partition coefficient of Benzoic acid in benzene and water

Even NOs

- Determination of Average particle size of Emulsion by optical microscopic method

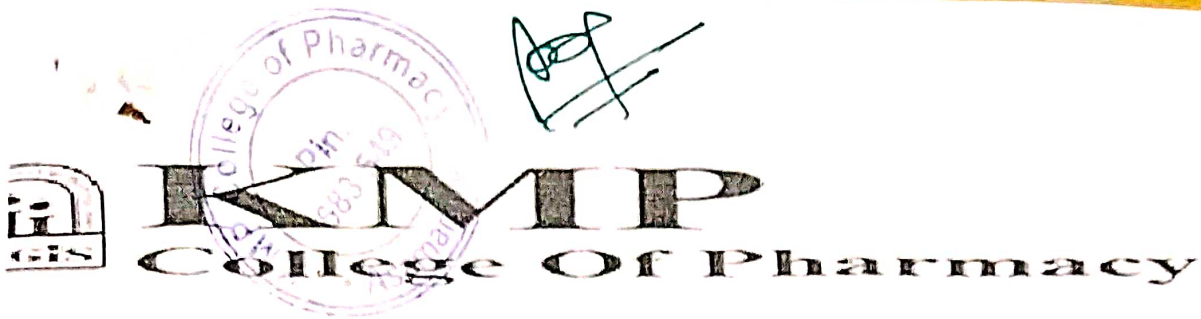
III Minor Experiment-I (10 Marks)

- Determination of angle of repose of the given sample.

IV. Viva Voce (5Marks)

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INTERNAL EXAMINER

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ALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

Semester B.Pharm (R/S) Degree Practical Exam, October 2021
Pharmaceutical Microbiology Practical
(2017 Scheme)

: ...A.....

Time : 4 Hours

: 18/11/2021 (FN)

Max. Marks : 35

ynopsis

(2×2 ½=5Marks)

Write the Procedure of the following experiment.

1. Gram Staining
2. Determination of Motility by Hanging Drop Method.

Major

(15 Marks))

Perform the gram staining of given broth and report

Minor Experiments

(10 Marks)

a. Perform the Motility of Bacteria in the given broth culture by Hanging Drop Method and report the same.

(5 marks)

b. Perform the simple staining of given broth with Methylene blue and Report it.

Viva

(5 Marks)

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College Of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

IIIrd Semester B.Pharm (R/S) Degree Practical Exam, October 2021

Pharmaceutical Microbiology Practical

(2017 Scheme)

Batch : ...B.....

Time : 4 Hours

Date : 19/11/2021 (FN)

Max. Marks : 35

I. Synopsis (2×2 ½=5Marks)

- write the Principle of Motility of Micro organism by Hanging Drop Method
- Principle of Gram Staining Technique.

II. Major (15 Marks))

Perform the gram staining of given broth and report

III. Minor (5 Marks)

Perform the Motility of Bacteria in the given broth culture by Hanging Drop Method and report the same.

IV. Perform the simple staining of given broth culture with crystal violet and report it. (5 Marks)

V. Viva (5 Marks)

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K.M.P.
College Of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

**IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021**

**Pharmaceutical Engineering Practical
(2017 Scheme)**

Batch : ...A.....

Time : 4 Hours

Date : 19/11/2021 (FN)

Max. Marks : 35

I. Synopsis (2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Particle size analysis of the given sample powder by beaker decantation.
- The effect of surface area, concentration and viscosity on rate of evaporation.

II. Major Experiment

(1×15=15 Marks)

- Construct the drying rate curve for the given sample powder.


III. Minor Experiment


(10 Marks)

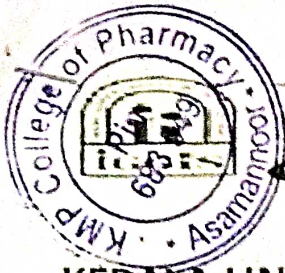
- Determination of atmospheric humidity by Psychrometric Method.

IV. Viva Voce

(5Marks)


19/11/2021
INTERNAL EXAMINER
SANKHITHA V. JOYAN. U


19/11/21
EXTERNAL EXAMINER
Dr. Shajan Abraham



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College Of Pharmacy

KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR-680596

**IIIrd Semester B.Pharm (R/S) Degree Practical Examination,
October 2021**

Pharmaceutical Engineering Practical

(2017 Scheme)

Batch : ...A.....

Time : 4 Hours

Date : 18/11/2021 (FN)

Max. Marks : 35

I. Synopsis

(2×2 ½=5Marks)

Write down the Principle and Procedure behind the following.

- Particle size analysis of the given sample powder by beaker decantation.
- The effect of surface area, concentration and viscosity on rate of evaporation.

II. Major Experiment

(1×15=15 Marks)

- Construct the drying rate curve for the given sample powder.


III. Minor Experiment

(10 Marks)

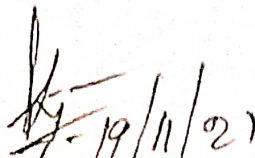
- Determination of atmospheric humidity by Psychrometric Method.

IV. Viva Voce

(5Marks)


19/11/2021
INTERNAL EXAMINER

SANJEEVA VIJAYAN.U


19/11/21
EXTERNAL EXAMINER

Dr. Shijan Abraham