



KMP COLLEGE OF PHARMACY

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

QP Code:

120101

Reg. No.:

I Semester B. Pharm (2019 Batch) Degree

Improvement Sessional Theory Examinations, Feb-2021

BP101T – Human Anatomy & Physiology I (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x10=10)

1. Explain briefly on Erythropoiesis.

Short Notes

(2x5=10)

1. What are synovial joint? Explain the classes of synovial joint.
2. What is epithelial tissue. Classify. Write a note on various epithelial tissue.

Answer Briefly

(5x2=10)

1. Classification of bones
2. Name the cranial & facial bones
3. Homeostasis
4. Endocytosis
5. Cell junction





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

QP Code:

119102

Reg. No.:

I Semester B. Pharm (2019 Batch) Degree Improvement Theory Examinations, Feb-2021

BP102T - Pharmaceutical Analysis (2017 Scheme)

Time: 1 Hr 30 min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x10=10)

1. Define neutralization curves. Explain the different types of acid base titrations with the help of neutralization curves.

Short Notes

(2x5=10)

2. Give Brief account on diazotization titrations
3. Explain estimation of sodium benzoate and ephedrine hydrochloride

Answer Briefly

(5x2=10)

4. Explain any two theories of acids and bases with suitable examples.
5. Give details on Ilkovic equation
6. Why is Mohr's method carried out in neutral pH.
7. What are indicator electrodes. List the advantages and disadvantages of glass electrode.
8. Type of solvents in non aqueous titration.

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QP Code: **120103**

Reg. No.:

**I Semester B. Pharm (2019 Batch) Degree I Sessional
Improvement Theory Examinations, Feb-2021
BP103T – Pharmaceutics I (2017 Scheme)**

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essays

(10 x 1 = 10)

1. What are mixtures? Classify different types of mixtures. Describe in brief the method of dispensing the mixtures containing:-
a) Indiffusible solids b) Precipitate forming liquids.

Short Notes

(5 x 2 = 10)

2. Define the term prescription. Describe in brief, the various parts of a prescription.
3. Discuss the different methods of mixing of powders.

Answer Briefly

(2 x 5 = 10)

4. Calculate the volume of each of 90%, 60%, 30%, and water are required to produce 600ml of 60% alcohol.
5. What is the dose of a drug for a 6 months old child if the average adult dose is 15mg?
6. How many proof gallons are contained in 50 gallons of 90% v/v alcohol?
7. Give the metric equivalence of:-
i) 2drachm ii) 5 grain iii) 01 pound iv) 01 tablespoonful
8. Translate the following Latin term into English
i) q.i.d ii) s.o.s iii) Post cibos iv) Unguentum.

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KMP COLLEGE OF PHARMACY

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

QP Code: **119104**

Reg. No.:

I Semester B. Pharm(2019 Batch) Degree Improvement Sessional
Examinations, February 2021

Pharmaceutical Inorganic Chemistry I (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x 10 = 10)

1. Write a note on source of impurities.

Short Notes:

(2x5=10)

2. Limit test for iron.
3. Write a note on Mechanism of action of Antimicrobials.

Answer Briefly: (5x2=10)

4. Name different pharmacopoeias.
5. Properties and uses of Bentonite.
6. Preparation of Aluminium hydroxide gel.
7. Role of fluoride as anticaries agent.
8. Assay of Iodine.

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KMP COLLEGE OF PHARMACY

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

QP Code: 120106

Reg. No.:

I Semester B. Pharm (2019 Batch) Degree I Sessional Improvement Theory Examinations, Feb-2021 BP106RMT – Remedial Mathematics (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

ESSAY

1. Solve $2a-3b+c = -1$, $a+4b-2c=3$, $4a-b+3c=11$ using Cramer's rule.

(1x10=10)

SHORT ANSWER

2. Find the cofactors of each elements of the determinant $\begin{vmatrix} 3 & -2 & 3 \\ 2 & 1 & -1 \\ 4 & -3 & 2 \end{vmatrix}$

3. Evaluate $\lim_{x \rightarrow 4} \frac{x^3-64}{x^2-16}$

4. If $A = \begin{bmatrix} 1 & 0 & 2 \\ 0 & 1 & 2 \\ 1 & 2 & 0 \end{bmatrix}$ $B = \begin{bmatrix} 1 & -2 & 3 \\ 2 & 3 & -1 \\ -3 & 1 & 2 \end{bmatrix}$ Compute AB

5. Resolve $\frac{2x+3}{(x-3)(x+1)}$ into partial fractions

(4x5=20)

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22/02/2021



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QP Code:

120105

Reg. No.:

I Semester B. Pharm (2019 Batch) Degree I Sessional Improvement Theory Examinations, Feb-2021 BP105T – Communication Skills (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

1x10=10

1. Explain in detail the various barriers to communication and how can we overcome such barriers in an organization.

Answer the following questions in a paragraph

4x5=20

2. Discuss the importance of communication
3. Write a short note on the perspectives of communication.
4. What is the importance of face-to-face communication for technical students?
5. What is communication style?

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