



KMP COLLEGE OF PHARMACY

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

QP Code:

119201

Reg. No.:

II Semester B. Pharm (2019 Batch) Degree I Sessional Theory Examinations, Dec-2020 BP201T – HAP II (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x 10 = 10)

1. Explain the transport of respiratory gases.

Short Notes:

(2x5=10)

2. Write the composition & functions of blood.
3. With a neat labeled diagram explain the internal anatomy of Spinal cord..

Answer Briefly:

(5x2=10)

4. Functions of Nervous system.
5. BMR.
6. Chemical synapses..
7. A note on, a) Thalassemia b) sickle cell anaemia.
8. Explain the composition and functions of saliva.


22/12/2020

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

QP Code: **119202**

Reg. No.:

II Semester B. Pharm(2019 Batch) Degree I Sessional Examinations,
December 2020

BP202T - Pharmaceutical Organic Chemistry – I (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essays

(10 x 1 = 10)

1. Explain isomerism with suitable examples.

Short Notes

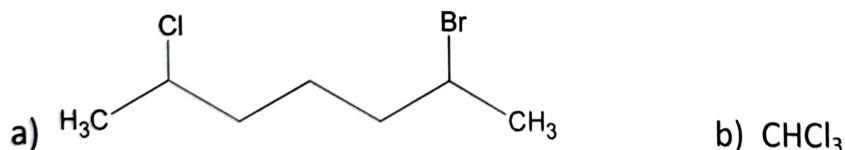
(5 x 2 = 10)

2. Define hybridization. Explain sp^3 , sp^2 and sp hybridizations with suitable examples.
3. Stereochemistry of SN_2 reaction.

Answer Briefly

(2 x 5 = 10)

4. Give the IUPAC name for,



5. Markovnikov's rule.
6. Any two method of preparation for alcohols.
7. Draw the structure for the following,
 - a) Isopentyl alcohol
 - b) 2,4-pentadiene-1-ol
8. Carbocations.

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

QP Code:

119203

Reg. No.:

II Semester B. Pharm (2019 Batch) Degree I Sessional Theory Examinations, Dec-2020

BP203T - Biochemistry(2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x10=10)

1. Describe citric acid cycle pathway with its energetic. Add a note on its significance.

Short Notes

(2x5=10)

2. Enzyme inhibitors with examples
3. Glycogenesis

Answer Briefly

(5x2=10)

4. Significance of Glycolysis
5. Properties of enzymes
6. Redox potential
7. Define free energy and its relationship between enthalpy and entropy
8. Therapeutic applications of enzymes.

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

QP Code:

119204

Reg. No.:

II Semester B. Pharm(2019 Batch) Degree I Sessional Examinations,
December 2020

BP204T - Pathophysiology (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essays

(10 x 1 = 10)

1. Explain in detail about pathophysiology of Rheumatoid Arthritis (RA) and write a note on clinical manifestations of R.A.

Short Notes

(5 x 2 = 10)

2. Define T.B. Enumerate the signs & symptoms of Tuberculosis (T.B).
3. What do you mean by Hypertension (HTN). Give a brief note on Pathophysiology of Hypertension?

Answer Briefly

(2 x 5 = 10)

4. Classify the types of Meningitis.
5. Types of angina pectoris.
6. What are the various triggering factors and etiology of Asthma?
7. Differentiate Myocardial Ischemia and Infarction.
8. Signs and symptoms of hypertension.

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

QP Code:

119205

Reg. No.:

II Semester B. Pharm (2019 Batch) Degree I Sessional Theory Examinations, Dec-2020

BP205 T –COMPUTER APPLICATIONS IN PHARMACY(2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x10=10)

1. Explain HTML with basic structure. Compare HTML with XML.

Short Notes

(2x5=10)

2. Explain number systems.
3. Explain web servers with examples.

Answer Briefly

(5x2=10)

4. Define database and DBMS.
5. Convert 98_{10} to binary number.
6. Write binary addition rules.
7. Define DFD.
8. Define programming language with examples.

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KMP COLLEGE OF PHARMACY

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

QP Code:

119206

Reg. No.:

II Semester B. Pharm (2019 Batch) Degree I Sessional Theory Examinations, Dec-2020

BP206T – Environmental Sciences (2017 Scheme)

Time: 1 Hr.30 Min.

Max. Marks: 30

- Answer all questions
- Draw diagrams wherever necessary

Essay

(1x 10 = 10)

1. Define environment. Write a note on Scope of Environmental studies?

Short Notes:

(2x5=10)

2. Renewable resources.

3. Role of individual in conservation of natural resources.

Answer Briefly:

(5x2=10)

4. Classify natural resources.

5. Define ecosystem.

6. Difference between natural and artificial ecosystem.

7. Biogas energy

8. Deforestation.

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