

Sl.No: M22073

Course Code: 2110203

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

February 2020

Second Year

BIOCHEMISTRY AND PHARMACOLOGY

Time: Three hours

Maximum: 100 Marks

Answer Section A and Section B in SEPARATE Answer Book

Answer ALL questions

Draw suitable diagrams wherever necessary

BIOCHEMISTRY

(50 Marks)

I. ESSAY:

(1 x 20 = 20)

1. Describe the source, biochemical functions and deficiency manifestations of vitamin A,B,C,D,K,E

II. SHORT NOTES:

(4 x 5 = 20)

2. Types I & Type II diabetes mellitus.
3. Classification of fatty acids with examples.
4. Lipid profile.
5. Absorption of calcium.

III. SHORT ANSWERS:

(5 x 2 = 10)

6. What is Tetany due to?
7. Name any two steroid hormones.
8. What are bile salts?
9. What is coagulation?
10. Name the fat of our body. What are its components?

(p.t.o)

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PHARMACOLOGY

(50 Marks)

I. ESSAY: (1 x 20 = 20)

1. Classify anti-cholinergic drugs? Describe its actions in pharmacology?
Adverse effects and side effects of atropine?

II. SHORT NOTES: (4 x 5 = 20)

2. Classify the antimicrobial drugs.
3. Differentiate sedative and hypnotics.
4. Describe laxatives. Write down the classification.
5. Describe distribution.

III. SHORT ANSWERS: (5 x 2 = 10)

6. What is prednisolone.
7. What is arrhythmia?
8. What is bioavailability?
9. Explain the adverse effects of corticosteroids.
10. What are antitussives? Give examples.

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