

[LN 2149]

OCTOBER 2018

Sub. Code: 2149

M.D. (SIDDHA) DEGREE EXAMINATION

FIRST YEAR

BRANCH V & VI

**PAPER IV – UYIRVEDHIYAL AND NUNNUYIRIYAL
(Biochemistry and Microbiology)**

Q.P. Code :322149

Time: Three Hours

Maximum : 100 Marks

SECTION – A

I. Elaborate on:

(1 x 20 = 20)

1. Write an essay on Beta – oxidation of Fatty Acids and Ketosis.

II. Short Notes on:

(5 x 6 = 30)

1. Biologically important peptides.
2. Biochemical functions of Selenium.
3. Balanced diet.
4. Symptoms of Pellagra.
5. Diabetes insipidus.

SECTION – B

I. Elaborate on:

(1 x 20 = 20)

1. Explain the general properties of viruses and classify the viruses based on nucleic acid contents.

II. Short Notes on:

(5 x 6 = 30)

1. Explain different types Chemical sterilization methods.
2. Explain different types Immunoglobulin with suitable illustrations.
3. Give an account on Antigen and Antibody reactions.
4. Explain the mechanisms of Type II and III hypersensitivity.
5. Give an account on Human Immunodeficiency virus and Hepatitis B virus.
