

[LJ 2111]

OCTOBER 2016

Sub.Code :2111

M.D.(SIDDHA) DEGREE EXAMINATION

FIRST YEAR

BRANCH III & IV– SIRAPPU MARUTHUVAM & KUZHANDHAI
MARUTHUVAM

PAPER II – ADIPPADAI ARIVIYAL - II

Q.P. Code :322111

Time: Three Hours

Maximum : 100 Marks

SECTION – A

I. Elaborate on: (1 x 15 = 15)

1. Describe in detail chemistry, mechanism of action, functions of thyroid hormone.

II. Short Notes on: (4 x 6 = 24)

1. What is the clinical diagnosis of SGPT, SGOT, Acid and Alkaline Phosphatase?
2. Write the bio-Chemical functions and deficiency of Biotin.
3. Draw and Explain HMP – Pathway.
4. Write the Functions and deficiency of Calcium.

SECTION – B

I. Elaborate on: (1 x 15 = 15)

1. Write an essay on the fine structure of a bacterial cell. Explain in detail the difference between Gram positive and Gram negative cell wall.

II. Short Notes on: (3 x 6 = 18)

1. What is gas gangrene? Discuss its management.
2. Describe ELISA in detail with suitable example.
3. What are the important contributions of Louis Pasteur?

SECTION – C

I. Elaborate on: (1 x 10 = 10)

1. Define inflammation. Discuss the chemical mediators of inflammation.

II. Short Notes on: (3 x 6 = 18)

1. Fate of Thrombus.
2. Megaloblastic Anemia.
3. Chemical Carcinogenesis.
