

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. Chemistry, biochemical functions, recommended dietary allowance, dietary sources and deficiency manifestations of vitamin C.

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

1. Inborn errors of amino acid metabolism.
2. Mechanism of blood coagulation.
3. Reactions of gluconeogenesis.
4. Biochemical functions and abnormalities of sodium and potassium.

SECTION – B

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

1. Explain in detailed about the bacterial growth and nutritional requirement for growth with suitable growth curve pattern.

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

1. Enumerate the properties of the Virus.
2. Give an account on *Mycobacterium tuberculosis*.
3. Define antigen and Antibody and classify the antigen based on determinants.

SECTION – C

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

1. Describe the perinatal infections and congenital malformations.

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

1. Pathologic Calcification.
2. Viral enteritis and diarrhoea.
3. Phagocytosis.
