

**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. Describe in detail about Female sex hormones and write short notes on clinical disorders associated with female sex hormones.

II. Short Notes on:

(5 x 6 = 30)

1. Plasma Lipoproteins.
2. Diseases of Malnutrition.
3. Vitamin A deficiency.
4. RNA and its functions.
5. Sulfur and its physiological Importance.

SECTION – B

I. Elaborate on:

(1 x 20 = 20)

1. Describe the pathogenesis of Rabies. Add a note on Rabies vaccines.

II. Short Notes on:

(5 x 6 = 30)

1. Describe Koch Postulates.
2. How do you cultivate viruses? Emphasis on tissue culture.
3. Describe bacterial pharyngitis and its management.
4. Write a short note on sexually transmitted diseases. Discuss LGV.
5. What is bacterial capsule? Describe Quellung's reaction.
