

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BHMS 0222]

**FEBRUARY 2022
(MAY 2021 EXAM SESSION)**

Sub. Code: 1507

**B.H.M.S. DEGREE EXAMINATION
SECOND YEAR (New Regulations – From 2015-2016 batch onwards)
PAPER II – PATHOLOGY - II
Q.P. Code : 581507**

Time: Three Hours

Answer ALL questions

Maximum : 100 Marks

I. Essay Questions:

(2 x 15 = 30)

SECTION – A

1. What are the malarial parasites? Explain the pathogenesis of Plasmodium falciparum.

SECTION – B

2. Classify spirochetes pathogenic to humans and describe the pathogenesis and lab diagnosis of Syphilis.

II. Write Notes on:

(10 x 5 = 50)

SECTION – A

1. Urinary tract infections and its lab diagnosis.
2. Dengue haemorrhagic fever.
3. Herpes Zoster and its diagnosis.
4. Bacteriophages-life cycle.
5. Oncogenic virus of Humans –Explain.

SECTION – B

6. Methods of transmission of Infection.
7. Cutaneous larva migrans.
8. Key points of Balantidium coli.
9. Chagas Disease-explain.
10. Blood fluke and its pathogenecity.

III. Short Answers on:

(10 x 2 = 20)

SECTION – A

1. Define Saprophytes.
2. Quellung reaction.
3. Malignant pustule.
4. DPT vaccine.
5. Urease breath test.

SECTION – B

6. Cyclopes-Describe.
7. Explain Reduvid bug.
8. NIH Swab-Describe.
9. Virions-Describe.
10. Name the parasites present in peripheral blood smear.
