

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6258

**BPT DEGREE EXAMINATION
SECOND YEAR
PAPER V – MICROBIOLOGY AND PATHOLOGY (SEC A& SEC B)
Q.P. Code : 746258**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

**SECTION – A
(MICROBIOLOGY)**

I. Elaborate on:

(1 x 20 = 20)

1. Enumerate the causative agent of Viral hepatitis. Discuss in detail the laboratory diagnosis of hepatitis B.

II. Write notes on:

(4 x 5 = 20)

1. Robert Koch's postulates.
2. Autoclave.
3. Precipitation reaction.
4. Widal test.

III. Short answers on:

(5 x 2 = 10)

1. BCG.
2. Pili.
3. Draw the diagram and label the HIV virus.
4. Define sterilization.
5. Oral thrush.

**SECTION – B
(PATHOLOGY)**

I. Elaborate on:

(1 x 20 = 20)

1. Thrombosis – causes, pathophysiology and fate of the thrombus.

II. Write notes on:

(4 x 5 = 20)

1. Osteoarthritis.
2. Muscular dystrophies.
3. Complications of wound healing.
4. Bronchial asthma.

III. Short answers on:

(5 x 2 = 10)

1. Consequences of atherosclerotic disease.
2. Stroke.
3. Differences between benign and malignant tumours.
4. Rheumatoid arthritis.
5. Abscess.
