

II - B.H.M.S (2003 COURSE) : WINTER - 2017
SUBJECT : PATHOLOGY & MICROBIOLOGY

Day : **Friday**
Date : **10/11/2017**

Time : **02.00 P.M. TO 05.00 P.M.**
Max. Marks : 100

W-2017-3676

N.B.

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer book.
- 4) Draw neat and labelled diagrams **WHEREVER** necessary.

SECTION – I

- Q.1** a) Define and discuss inflammation in detail. **(10)**
- b) Add miasmatic note on inflammation **(05)**
- Q.2** Write macroscopic (Gross) and microscopic appearance of **ANY THREE** of the following: **(15)**
- a) Red hepatization in lobar pneumonia
 - b) Liver cirrhosis
 - c) Tubercular ulcer of intestine
 - d) Miliary tuberculosis of lung
- Q.3** Write short notes on **ANY FOUR** of the following: **(20)**
- a) Hypertrophy
 - b) Thalassemia
 - c) Hypovolemic shock
 - d) Repair
 - e) Necrosis

SECTION – II

- Q.4** a) Write morphology, cultural characteristics and pathogenesis of Bacillus anthracis. **(10)**
- b) Discuss briefly laboratory diagnosis of leprosy. **(05)**
- Q.5** Write short notes on **ANY THREE** of the following: **(15)**
- a) Life cycle of malaria
 - b) Leishmanian test
 - c) Arrangement of antigens on bacteria
 - d) Babes-Earnest bodies
- Q.6** Write short note on **ANY FOUR** of the following: **(20)**
- a) Difference between flagella and pili
 - b) Rabies virus
 - c) HSV
 - d) Binary fission
 - e) Anaerobic culture method

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