

# Question Paper

Exam Date & Time: 07-02-2022 (02:15 PM - 05:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND BDS DEGREE EXAMINATION - FEBRUARY 2022

SUBJECT: GENERAL PATHOLOGY AND MICROBIOLOGY  
(IR BATCH - 2021)

Answer ALL questions.

Marks: 60

Duration: 165 mins.

### SECTION A: GENERAL PATHOLOGY

- 1) Define acute inflammation. Describe the cellular events in acute inflammation. Mention any two outcomes of acute inflammation.

(2+6+2 = 10 marks)

- 2) Write short notes on:

- 2A) Types of necrosis. (4)  
2B) Fate of thrombus. (4)  
2C) Morphology of osteoclastoma. (4)  
2D) Lab diagnosis of megaloblastic anaemia. (4)  
2E) Pleomorphic adenoma. (4)

### SECTION B: MICROBIOLOGY

- 3) Define Sterilization. Classify methods of sterilization. Describe in detail sterilization by Autoclave.

(2+3+5 = 10 marks)

- 4) Write short notes on:

- 4A) Anaphylaxis (4)  
4B) Viridans Streptococci. (4)  
4C) Oral thrush. (4)  
4D) Morphology of Entamoeba histolytica. (4)  
4E) Laboratory diagnosis of Hepatitis B virus infection. (4)

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