

Question Paper

Exam Date & Time: 02-Mar-2021 (02:20 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

SECOND BDS DEGREE EXAMINATION - MARCH 2021
SUBJECT: GENERAL PATHOLOGY AND MICROBIOLOGY

Marks: 60

Duration: 160 mins.

SECTION - A - GENERAL PATHOLOGY

Answer all the questions.

Illustrate your answers with diagrams wherever necessary

- 1) Define oedema. Discuss the pathophysiologic categories of oedema. Write the difference between exudate and transudate. (1+5+4 = 10 marks)

2. Write short notes on

- 2A) Pathogenesis of granuloma formation (4)
2B) List and explain the fate of a thrombus (4)
2C) Differences between wet gangrene and dry gangrene (4)
2D) Describe the clinical features and morphology of Ameloblastoma (4)
2E) Risk factors and morphology of squamous cell carcinoma of oral cavity. (4)

SECTION - B - MICROBIOLOGY

Answer all the questions.

Draw diagrams wherever necessary

- 3) Define and classify hypersensitivity. Describe type 1 hypersensitivity. (10)
(1+2+7 = 10 marks)

4. Write short notes on:

- 4A) Autoclave (4)
4B) Immunoprophylaxis of tetanus (4)
4C) Laboratory diagnosis of pulmonary tuberculosis (4)
4D) MMR vaccine (4)
4E) Life cycle of *Plasmodium falciparum* (4)

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