

Question Paper

Exam Date & Time: 04-Jun-2024 (02:15 PM - 05:00 PM)

MANIPAL ACADEMY OF HIGHER EDUCATION
SECOND BDS DEGREE EXAMINATION - JUNE 2024
SUBJECT: GENERAL PATHOLOGY AND MICROBIOLOGY
(IR BATCH)

Marks: 60

Duration: 165 mins.

SECTION A - GENERAL PATHOLOGY (30 MARKS)

Answer all the questions.

Illustrate your answers with diagram wherever necessary:

- 1) Define Neoplasia. Tabulate differences between benign and malignant tumours with two examples of each. (2+6+2 = 10 marks)

- 2) **Write short notes on:**
 - 2A) Lab diagnosis of Iron deficiency anemia. (4)
 - 2B) Pathologic calcification. (4)
 - 2C) Granulomatous inflammation with two examples. (4)
 - 2D) Morphology of Pleomorphic adenoma. (4)
 - 2E) Pathogenesis of Amyloidosis. (4)

SECTION B - MICROBIOLOGY (30 MARKS)

Answer all the questions.

Draw diagrams wherever necessary.

- 3) Define and classify Hypersensitivity. Describe anaphylaxis in detail. Add a note on atopy. (1+2+4+3 = 10 marks)

- 4) **Write short notes on:**
 - 4A) Oral candidiasis. (4)
 - 4B) Cariogenic streptococci. (4)
 - 4C) Laboratory diagnosis of HIV. (4)
 - 4D) Life cycle of Entamoeba histolytica. (4)
 - 4E) Bacterial growth curve. (4)

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