

Second Year B. Physiotherapy Examination

Pathology & Microbiology

Date : 05-06-2024, Wednesday]

[Max. Marks : 40]

Time : 2 Hours]

Instructions :

- (1) Figure to the right indicate marks.
- (2) Write legibly.
- (3) Draw diagrams wherever necessary.
- (4) Use Separate answer book for each section.

SECTION-I

Q1. Define anemia. Enumerate the etiological classification of anemia. Describe in detail about iron deficiency anemia. (10)

OR

Define and describe acute inflammation. Enumerate the mediators of acute inflammation and describe their effects. (10)

Q2. Write any TWO short notes: (5X2=10)

- a. Define necrosis and enumerate its types with examples.
- b. Define Type-II hypersensitivity reactions and give examples.
- c. Differentiate between benign and malignant neoplasm.
- d. Differentiate between nephritic and nephrotic syndrome.

SECTION-II

Q.3. (10 Marks)

Enumerate any four bacteria causing respiratory tract infections (2). Describe laboratory diagnosis of pulmonary tuberculosis (8).

OR

Define Sterilization and Disinfection (2+2). Describe the working principle and mention the various controls used in an Autoclave (4+2)

Q.4. Write short notes on any two: (5 marks each) (10 Marks)

- (a) Discuss Type 1 Hypersensitivity giving two examples.
- (b) Write a short note on candidiasis.
- (c) Describe the laboratory diagnosis of Malaria.
- (d) Mention the mode of transmission of Polio virus and discuss the vaccination schedule for oral Polio vaccine in India.