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EXAMINATION : MARCH - 2023
SECOND YEAR

Subject: Pathology and Microbiology (BPT- 21201)

Date: 01/03/2023

Total Marks: 80

Time: 2.00 pm to 5.00 pm

SECTION – A

Q.1 Answer the following questions in short (Any five) (35)

- a. Write in short about Osteoarthritis
- b. Enumerate causes of Atrophy
- c. Short note on COPD.
- d. Define neoplasia write the difference between benign and malignant tumors.
- e. Define hypersensitivity reaction describe type Iv hypersensitivity reaction with example.
- f. Describe vitamin E deficiency

Q.2 Answer the following questions (Any One) (15)

- a. Define edema. Discuss etiopathogenesis of edema. Give differences between transudate and exudate.
- b. Describe etiopathogenesis, gross features and microscopic changes of acute Myocardial infarction.

SECTION – B

Q.3 Answer the following questions in detail (Any one) (15)

- a. Define serological reactions. Enlist the various types of serological reactions. Discuss Agglutination reaction and its application.
- b. Enumerate the causative agents of Sexually Transmitted Diseases (STD). Write the serological diagnosis of Syphilis.
- c. Enumerate the superficial fungal infections. Discuss the laboratory diagnosis Dermatophytosis.
- d. Write a note on hospital acquired infection.

Q.4 Answer the following questions in detail (Any one) (15)

- a. Define Bio-Medical Waste (BMW).
Name the various categories of BMW according to BMW (Disposal and Management Rules) 1998.
Mention the colour codes used for various categories.
Describe the different modes of treatment used to treat different categories of waste.
 - b. Define window period.
Write the various modes of transmission of HIV infection.
Discuss the laboratory diagnosis of HIV infection.
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