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EXAMINATION : DECEMBER - 2024
SECOND YEAR

A

Subject: Pathology and Microbiology (BPT- 21201)

Date: 24/12/2024

Total Marks: 80

Time: 2.00 pm to 5.00 pm

SECTION – A

Pathology

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

- a. Amyloidosis, write classification and staining methods of amyloidosis.
- b. Wound healing by primary union and factors affecting wound healing.
- c. Liver cirrhosis and liver function tests.
- d. Define thrombosis. Fate of thrombus in detail.
- e. Define Pneumoconiosis. Describe asbestosis in detail.
- f. Write in detail about types and etiopathogenesis of Gangrene.

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

- a. Define Necrosis. Describe aetiology, gross and microscopic appearance of different types of Necrosis. Draw histology diagram for each.
- b. Define Neoplasia. Explain routes of spread in detail. Differentiate between benign and malignant tumor.

SECTION – B

Microbiology

Q.3 Answer the following questions in short. (Any three) (15)

- a. Immunoglobulins.
- b. Poliomyelitis.
- c. Classify Mycoses with suitable examples. Describe Superficial fungal infections.
- d. Describe the life cycle of Entamoeba histolytica. Discuss the laboratory diagnosis.

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

- a. Describe the morphology, and infection caused by Treponema pallidum. Discuss the stages of the disease, laboratory diagnosis, prevention, and treatment of yphilis.
 - b. Define sterilization and disinfection. Describe various methods of sterilization with applications.
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