

B.P.T. [2nd Prof.]

BF/2009/11

Pathology and Microbiology

M.M. : 90

Time : 3 Hours

SECTION - A

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks. [20]

1. Caseation necrosis.
2. Neutrophil.
3. Type I hypersensitivity.
4. Tubercle bacilli.
5. Structure of Cryptococcus.
6. Definition of thrombus.
7. Transudate.
8. Exotoxin.
9. Complications of lobar pneumonia.
10. Causative organism of syphilis.

SECTION - B

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks. [40]

1. Etiopathogenesis and pathology of bronchiectasis.
2. Differentiate between red infarct and white infarct.
3. Pathological features of atherosclerosis.
4. Routes of spread of malignant tumors.
5. Osteogenic sarcoma.
6. Laboratory diagnosis of Iron deficiency anaemia.
7. Hashimoto's thyroiditis.
8. Collection and chemical examination of Urine.
9. Heat sterilization.
10. CSF examination.
11. Lab diagnosis of typhoid fever.
12. Hospital acquired infections.

SECTION - C

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks. [30]

1. Describe the features of various types of hepatitis viruses. Write briefly about clinicopathologic spectrum of hepatitis.
 2. Describe the clinical features, pathology and diagnosis of rheumatoid arthritis.
 3. Discuss the vascular events and chemical mediators of acute inflammation.
 4. Give the morphology and life cycle of Taenia solium. Discuss the diagnosis of tapeworm infection.
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