

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. Define Apoptosis.
2. LE Cell.
3. Tumor embolism.
4. Osteomalacia.
5. Lepra Bacilli.
6. Callus formation.
7. VDRL test.
8. Sterilization.
9. Local anaphylaxis.
10. Endotoxins.

Section - B

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

1. Autoimmunity.
2. Benign tumors of blood vessels.
3. Lobar pneumonia.
4. Lab diagnosis of Iron Deficiency Anaemia.
5. Tetralogy of Fallot.
6. Mechanism of spread of malignant tumors.
7. Morphology of Rheumatic Heart Disease.
8. Type IV hypersensitivity reaction.
9. Prevention of Typhoid.
10. Urine examination in Urinary Tract Infections.
11. Tubercular Meningitis.
12. Candida.

Section - C

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

1. Discuss the pathology, serological diagnosis and sequelae of Hepatitis B.
2. Define Thrombosis. Discuss its pathogenesis. Tabulate the differences between arterial and venous Thrombi.
3. Give the morphology and life cycle of Taenia Solium. Discuss the diagnosis of Tapeworm infection.
4. Define Atherosclerosis. Discuss its pathogenesis, morphology and complications.