

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. Melanin pigment.
2. Metastatic calcification.
3. Apoptosis.
4. Megabaryocyte.
5. Fat necrosis.
6. Structure of Aspergillus.
7. Exudate.
8. Tumor giant cell.
9. Air embolism.
10. Acid fast bacilli.

Section - B

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

[40]

1. Bronchopneumonia.
2. Tuberculoid leprosy.
3. Lab. Diagnosis of Typhoid fever.
4. Gram positive bacterial infections.
5. Rickets.
6. Viral meningitis.
7. Spread of Hepatitis viruses.
8. Etiopathogenesis of Atherosclerosis.
9. Type II hypersensitivity reactions.
10. Hospital acquired infections.
11. Microcytic hypochromic anaemia.
12. Pathology of rheumatic heart disease.

Section - C

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

[30]

1. Describe the causative agent of Syphilis. Discuss the different stages and lab diagnosis of Syphilis.
2. Give the morphology and life cycle of Taenia Solium. Discuss the diagnosis of tapeworm infection.
3. Define Thrombosis. Discuss the pathogenesis and morphology of Thrombus.
4. Discuss in detail the chemical mediators of Inflammation.