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II BHMS TERM TEST I – AUGUST 2023

Sub code 581506

Subject: PATHOLOGY

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Essay Questions:

(2 x 15 = 30)

Section A

1. Define Gangrene explain in detail about various types of gangrene

Section B

2. Describe Morphology, Life cycle, Pathogenicity and Laboratory diagnosis of Entamoeba histolytica.

II. Write Notes on:

(10 x 5 = 50)

Section A

1. Types of immunity explain
2. Describe the pathophysiology and clinical features of Beta thalassemia major.
3. Explain the type of necrosis seen in case of Myocardial ischemia.
4. List the morphological features of reversible and irreversible cellular injury.
5. Explain about chronic inflammation and describe granuloma

Section B

6. Explain about the chemical methods of sterilisation.
7. Explain about Type III Hypersensitivity reaction.
8. Chagas Disease – Explain.
9. A 12 year old female child came to the OPD with pain in different joints which is shifting in nature and she also have cardiac murmur since 15 days .Had a h/o pustular skin lesion 3 weeks before. Her ESR was high and ASO titre also high. Identify the organism responsible for this and explain its pathogenesis
10. Life cycle and Pathogenicity of Plasmodium falciparum

III. Short Answers on:

(10 x 2 = 20)

Section A

1. Beriberi
2. Fracture healing
3. Russel's bodies
4. Aniso-poikulocytosis
5. Thrombocytopenia

Section B

6. Romana's Sign – Describe.
7. Selective media
8. Charcot Leyden Crystals
9. Define disinfection
10. Toxins of staphylococci