

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MBBS 0224]

FEBRUARY 2024

Sub. Code :6063

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2019-2020)

SECOND PROFESSIONAL YEAR – (CBME)

PAPER I – PATHOLOGY

Q.P. Code: 526063

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQs)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. A patient is brought to casualty with multiple superficial and deep injuries. Patient is a known diabetic.
 - a) Write in detail about the mechanism of healing and repair of injury.
 - b) Discuss about the factors influencing the process of healing and expected complications.

2. 40 years old male with complaints of easy fatigability, history of fever and abdominal pain. On examination, there was Hepatosplenomegaly and his WBC count was 1,08,000/cu.mm, Haemoglobin 8.8g/dl and platelet count 1,00,000/cu.mm.
 - a) What is your probable diagnosis?
 - b) Write in detail about the etiopathogenesis and other laboratory findings with relevant diagrams.

II. Write Short notes on:

(10 x 5 = 50)

1. Chemotaxis.
2. Turner's syndrome.
3. Describe in detail the events of invasion and metastasis in neoplasia.
4. Lab diagnosis of DIC (Disseminated Intravascular Coagulation).
5. Vitamin D deficiency.
6. What is informed consent? Discuss the components of an informed consent.
7. Write in detail about pathogenesis and investigation of sickle cell disease.
8. 27 years old female, one week after normal delivery presented with complaints of dyspnoea, irritability with bleeding Pervaginum admitted in postnatal ward. On examination she had hypotension and increased pulse rate. What is your probable diagnosis? What are the causes and other investigations needed to confirm the diagnosis?
9. Leukemoid reaction.
10. Burkitt's lymphoma.
