

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

[MBBS 0223]

FEBRUARY 2023

Sub. Code :6063

M.B.B.S. DEGREE EXAMINATION

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

SECOND YEAR – (CBME)

PAPER V – PATHOLOGY – I

Q.P. Code: 526063

Time: Three hours

Maximum : 100 Marks (80 Theory + 20MCQS)

Answer all the Questions

I. Essay:

(2 x 15 = 30)

1. 35years old male presented with rapid pulse, cold clammy skin, tachypnoea with hypotension admitted in emergency ward. History of fever for more than 1 week with increased total WBC Count.
 - a) What is your diagnosis?
 - b) Write in detail about the pathogenesis, morphology and how will you evaluate this condition?
2. 8 years old girl presented with malaise and fatigue. On examination yellowish sclera with hepatosplenomegaly noted. Family history revealed similar complaints in her sibling also. Her Hemoglobin level is 7.8 g/dl. X-Ray skull showed “crewcut” appearance.
 - a) What is your diagnosis?
 - b) Write in detail about etiopathogenesis, morphology and laboratory investigations needed to confirm the diagnosis.

II. Write Short notes on:

(10 x 5 = 50)

1. Define necrosis and its types.
2. Vitamin D deficiency.
3. Type IV Hypersensitivity reaction.
4. Write short notes on Etiopathogenesis of ITP.
5. Philadelphia chromosome.
6. Describe the morphology of amyloidosis.
7. Enumerate the various anti-coagulants utilized in clinical pathology lab for routine blood investigations. Write about their mechanism and their uses.
8. Opportunistic infections in AIDS.
9. Chemical Carcinogenesis.
10. Write short notes on
 - a) Autonomy.
 - b) Beneficence.
