

[MBBS 0322]

MARCH 2022

Sub. Code :6063

**M.B.B.S. DEGREE EXAMINATION**

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

**SECOND YEAR****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. 25 years male RTA victim presented with rapid pulse, cold clammy cyanotic skin, tachypnea and landed in emergency ward in unconscious state what is the diagnosis? Classify the disease write in detail about the pathogenesis, morphology evolution of the disease.
2. 50 / male vegetarian, presented with pallor, paresthesia of extremities O/E he had beefy tongue what is your diagnosis? How will you investigate this patient further and establish the diagnosis. Classify RBC disorders according to etiology.

**II. Write Short notes on:****(10 x 5 = 50)**

1. 18 years male your friend was diagnosed as Hodgkin's lymphoma. How will you empathise with him and his family members & support them?
2. Calcification
3. 10 years female was administered an analgesic injection IM and immediately collapsed. What is the type of reaction? What is the Pathogenesis of this reaction?
4. 10 years male presented with evening raise of temperature, neck nodes. His father was treated for cough with expectoration for 6 months. What is your diagnosis? Write about pathogenesis morphology of this illness.
5. 30 years male presented with fever with rigors he had H/o dark coloured urine after admission and also had cloudy consciousness, what is the diagnosis? What is the role of peripheral smear in diagnosis?
6. Pathogenesis of obesity.

7. 60 years male presented with low back ache. He had multiple lytic lesions of bones on skeletal survey. Serum electrophoresis and bone marrow was done to establish diagnosis. What is your diagnosis what are the findings in bone marrow and electrophoresis?
8. Classify transfusion reactions. How will you investigate a case of transfusion reactions?
9. 40 years male with splenomegaly on investigations had total count of  $1,20,000$  cells /  $\text{mm}^3$  and peripheral smear showed predominance of myeloid precursors. What is your diagnosis? Draw diagram of peripheral smear. What is the common genetic event in this condition?
10. Describe normal hemostasis and coagulation cascade

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