



[LE 542]

FEBRUARY 2014

Sub. Code: 4063

SECOND YEAR MBBS DEGREE EXAMINATION

Paper V – GENERAL PATHOLOGY AND HAEMATOLOGY

Q. P. Code: 524063

Time: Three Hours

Maximum: 40 Marks

Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on:

(2 x 7.5 = 15)

1. Define thrombosis, write in detail about pathogenesis, causes, morphology and fate of thrombus.
2. 40 yr old male presented with h/o fever, vomiting and diarrhoea. Patient had temperature of 103 degrees F. Weak rapid pulse, hypotension, tachypnoea, cold, clammy, cyanotic skin. Blood culture gram negative bacterial infection positive.
 - (a) What is your diagnosis?
 - (b) Explain the pathogenesis and morphology.

II. Write Notes on:

(10 x 1.5 = 15)

1. Definition and characteristics of types of necrosis.
2. Phagocytosis.
3. Paraneoplastic syndromes.
4. Gaucher's disease.
5. Hypersensitivity reaction II
6. Morphological changes in apoptosis.
7. Vascular events in acute inflammation.
8. Chemokines.
9. Morphology of infarct.
10. Opportunistic infections in AIDS.

III. Short Answers on:

(10 x 1 = 10)

1. Write any two stem cell niches.
2. Heinz bodies.
3. Types of leprosy.
4. Mention the cause of thrombocytopenia.
5. Bart haemoglobin.
6. Types of wound healing.
7. Two inherited disorders of platelets.
8. Two oncogenic DNA virus.
9. Two tumor suppressor genes.
10. Two examples of acute phase proteins.

