

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S March 2020 Examination

Year: 2**Subject Code: 19100201****Subject Name: Pathology - I****Date: 16/03/2020****Time: 10:30 am to 12:30 pm****Total Marks: 40****Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B, and section-C on separate answer sheets.

SECTION – A

Q.1 Structured Essay Question: (Any One out of Two)**(10)**

1. What is Amyloidosis ? Write in details about classification ,systemic complications and diagnosis of Amyloidosis.

OR

2. Define and classify anemias. Write in details about laboratory investigations in a case of haemolytic anemia.

Q.2 Short Notes : (Any Two out of Three)**(06)**

1. FNAC
2. WHO Classification of Non-Hodglin's Lymphoma
3. Bening prostatic hyperplasia

SECTION – B

Q.3 Short Notes: (Any Two out of Three)**(10)**

1. Vascular anomalies of childhood.
2. Write in details about various blood components in transfusion medicine.
3. Carcinogens and carcinogenesis.

SECTION – C

Q.4 Short Notes : (Any Two out of Three)**(08)**

1. Anaphylactic shock
2. Sub acute bacterial endocarditis.
3. Pathogenesis and complications of atherosclerosis.

Q.5 MCQ/One Word/ Answer in one sentence: (all compulsory)**(06)**

1. Edema in nephritic syndrome occurs due to
 - a. Na and water restriction
 - b. Increased venous pressure
 - c. Decreased serum albumin
 - d. Decreased fibrinogen
2. Vitamin K dependent clotting factors are :
 - a. IX, X
 - b. I, V
 - c. VII, VIII
 - d. I, VIII
3. Virchow's triad includes all except
 - a. Injury to vein
 - b. Venous thrombosis
 - c. Venous stasis
 - d. Hypercoagulability of blood
4. Liquefactive necrosis is seen in:
 - a. Spleen
 - b. Brain
 - c. Lung
 - d. Heart

5. Rama Devi presented with generalised edema sweating and flushing tachycardia and fever after bee sting. This is:
- T cell mediated cytotoxicity
 - IgE mediated reaction
 - IgG mediated reaction
 - IgA mediated hypersensitivity reaction
6. Normal albumin to globulin ratio in blood is
- 5:1
 - 2:1
 - 1:2
 - 1:1