

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S Examination March - 2021

Year: 2
Subject Code: 19100201
Subject Name: Pathology- I

Date: 22/03/2021
Time: 10.30 am -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) 1 x 10 (10)

- 1 Define necrosis. Mention etiopathology of each type of necrosis. Mention difference between necrosis and apoptosis.

OR

- 2 Define and classify anaemias. Discuss the laboratory diagnosis of megaloblastic anaemia.

Q.2 Short Notes : (Any Two out of Three) 2 x 03 (06)

- 1 Chemotaxis
- 2 Morphological changes of heart in rheumatic heart disease.
- 3 Benign prostatic hyperplasia

SECTION – B

Q.3 Short Notes: (Any Two out of Three) 2 x 05 (10)

- 1 Paget's disease of nipple.
- 2 Describe gross and microscopic feature of Hodgkin's lymphoma.
- 3 Hashimoto's thyroiditis.

SECTION – C

Q.4 Short Notes : (Any Two out of Three) 2 x 04 (08)

- 1 Risk factor of carcinoma of cervix.
- 2 Discuss etiology and complications of atherosclerosis.
- 3 Enzyme markers in myocardial infarction.

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

1 x 06 (06)

1 The size of Red blood cell is measured by

- MCV
- MCH
- MCHC
- PCV

2 Heart failure cells are found in :

- Myocardium
- Lung
- Liver
- Spleen

3 Virchow's triad includes all except

- Injury to vein
- Venous thrombosis
- Venous stasis
- Hypercoagulability of blood

4 Liquefactive necrosis is seen in:

- Spleen
- Brain
- Lung
- Heart

5 Alpha fetoprotein is a marker of

- Hepatoblastoma
- Seminoma
- Renal cell carcinoma
- choriocarcinoma

6 Burr cell is seen in

- Ovarian carcinoma
- Hepatocellular carcinoma
- Gastric Carcinoma
- Uremia