

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

Year: 2

Subject Code: 19100201

Subject Name: Pathology- I

Date: 06/01/2020

Time: 10:30am to 12:30pm

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 Write about chemical mediators of inflammation, its sources and functions in details.

OR

Define neoplasia and write in details about difference between benign and malignant tumors and routes of metastasis.

2

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

- 1 Bone marrow examination
- 2 Coomb's test
- 3 Virchow's triad

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

- 1 Complications of blood transfusion
- 2 Amyloidosis classification and special stains.
- 3 Etiopathogenesis of carcinoma of breast

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

- 1 FAB classification of Acute myeloid leukemia
- 2 Liver function tests
- 3 ESR

Q.5 MCQ/One Word/ Answer in one sentence: (all compulsory) 1 x 06 (06)

- 1 Example of hypertrophy is
 - a. Breast during puberty
 - b. Uterus during pregnancy
 - c. Ovary after menopause
 - d. Liver after resection
- 2 Lipid in the tissue is detected by :
 - a. PAS
 - b. Myeloperoxidase
 - c. Oil Red O
 - d. Mucicarmine
- 3 Bradykinin causes:
 - a. Vasoconstriction
 - b. Pain at the site of inflammation
 - c. Bronchodilation
 - d. Decreased vascular permeability

- 4 Hamartoma is:
- Proliferation of cells in foreign site
 - Proliferation of native cells in tissue
 - Malignant condition
 - Acquired condition
- 5 Which is the best method of confirming amyloidosis
- Colonoscopy
 - Sigmoidoscopy
 - Rectal biopsy
 - Tongue biopsy
- 6 A 76 years old male presented with anemia with splenomegaly, PBS shows tear drop shaped cells and bone marrow examination was normal. The diagnosis is:
- Myelofibrosis
 - Iron deficiency anemia
 - Folic acid deficiency
 - CML