# BLDE UNIVERSITY MBBS PHASE - II EXAMINATION

[Time: 3 Hours]

[Max.Marks: 100]

PATHOLOGY-PAPER - I QP CODE: 2001

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in left side of margin.

#### ong Essay: (Answers to be started on fresh page only)

2x10=20

1. Define and classify Thrombosis. Discuss etiopathogenesis and fate of Thrombus.

(2+3+3+2)

2. Define and classify Hemolytic anemia. Discuss etiopathgenesis and Lab diagnosis of Thalassemia.

(1+3+3+3)

### ort Essay: (Answers to be started on fresh page only)

10x5=50

- 3. Cellular Adaptations.
- 4. Factors affecting Wound Healing.
- 5. Lepromatous Leprosy.
- 6. Tumor Metastasis.
- 7. Lab Diagnosis of Iron Deficiency Anemia.
- 8. E.S.R
- 9. Schilling test for B 12 deficiency anemia.
- 10. Delayed Hypersensitivity
- 11. Marfan syndrome
- 12. Lab Diagnosis of Hemophilia.

## rt Answers: (Leave three lines gap between the answers)

10x3 = 30

- 13. Absolute Eosinophil Count What is normal range? Conditions of Eosinophilia and Eosinopenia.
- 14. Screening of Blood donor.
- 5. Obesity How to measure it? Name three complications.
- 6. Name three tumor markers and corresponding tumors.
- 7. Role of p53 in cell cycle.
- 8. Metastatic calcification Mention the conditions and the sites of deposition.
- 9. Six differences between Dry and Wet gangrene.
- 0. Six differences between Leukemia and Leukemoid Reaction.
- 1. Complications of Blood Transfusion.
- 2. Urinary casts.

Jan-2015

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## (REVISED SCHEME) PATHOLOGY - PAPER - I

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#### Long Essay: (Answers to be started on fresh page only)

 $2 \times 10 = 20 \text{ marks}$ 

- Define amyloidosis? Classify amyloidosis? Discuss the chemical nature and special stains for detection of amyloidosis? (1+3+3+3)
- Define Anemia. Classify anemia. Enlist the causes of microcytic hypochronic anemias.
   Add a note on the laboratory findings of most common type of microcytic hypochromic anemia.

(1+2+2+5)

## Short Essay: (Answers to be started on fresh page only)

 $10 \times 5 = 50 \text{ marks}$ 

- 3. Von -willebrand disease.
- 4. Healing by primary intention
- 5. Gangrene
- 6. Sideroblastic anemia
- 7. Radiation carcinogenesis
- 8. Pathologic calcification.
- 9. Peripheral smear and bone marrow findings in Beta-Thalassemia
- 10. CVC liver
- 11. Plasma derived mediators of inflammation
  - 12. Juvenile chronic myeloid leukemia

## Short Answer: (Leave three lines gap between the answers)

 $10 \times 3 = 30 \text{ marks}$ 

- 13. Transcoelomic spread
- 14. Enlist three anticoagulants used in clinical laboratory with their mechanism of action.
- 15. CSF finding in tubercular meningitis.
- 16. Bleeding Time: Procedure and normal range.
- 17. Gumma
- 18. Causes of fatty liver
- 19. Bence Jones proteins
- 20. Enlist six autosomal dominant disorders
- 21. Lesions in scurvy
- 22. Factors affecting ESR