

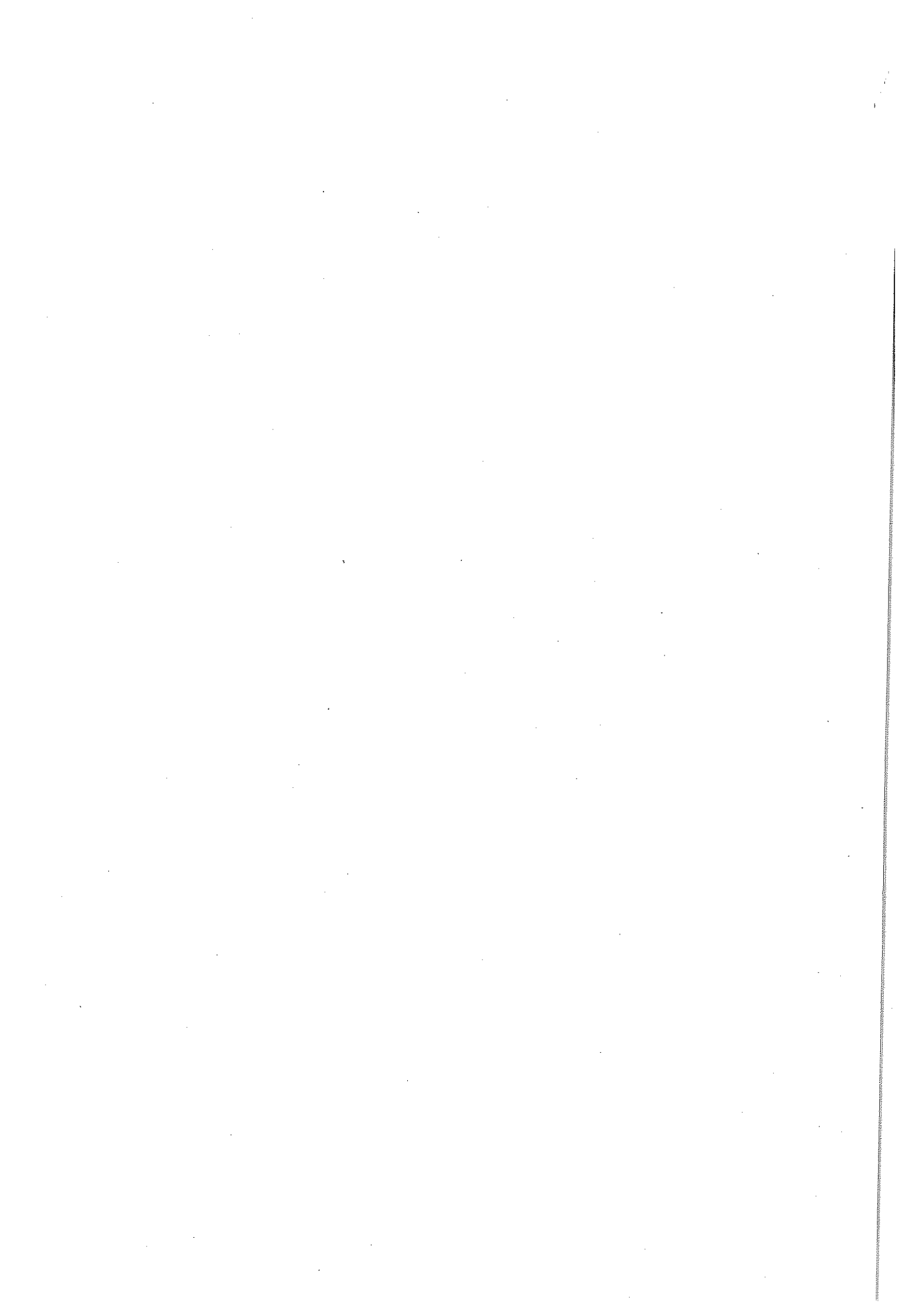
**D.C.P. Examination**  
**Paper I**  
**General & Systemic Pathology**

**Date : 01-04-2019, Monday]**  
**Time : 3 Hours]**

**[Max. Marks : 100**

- Instructions :** (1) Answer to the point.  
(2) Figure to the right indicate marks.  
(3) Write legibly.  
(4) Draw diagrams wherever necessary.

- Q.1 Describe the molecular events leading to apoptosis and give examples 20
- Q.2 Write notes on- 20
- (A) Hodgkin's Lymphoma
- (B) Embryonal tumors of CNS
- Q.3 Write notes on- 20
- (A) Non alcoholic steatohepatitis
- (B) Premalignant lesion of breast
- Q.4 Write notes on – 20
- (A) Intestinal polyps
- (B) Cartilage producing tumors of bone
- Q.5 Write notes on – 20
- (A) Pathogenesis of atherosclerosis
- (B) occupational lung diseases
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## D.C.P. Examination

## Paper II

## Microbiology &amp; Helminthology

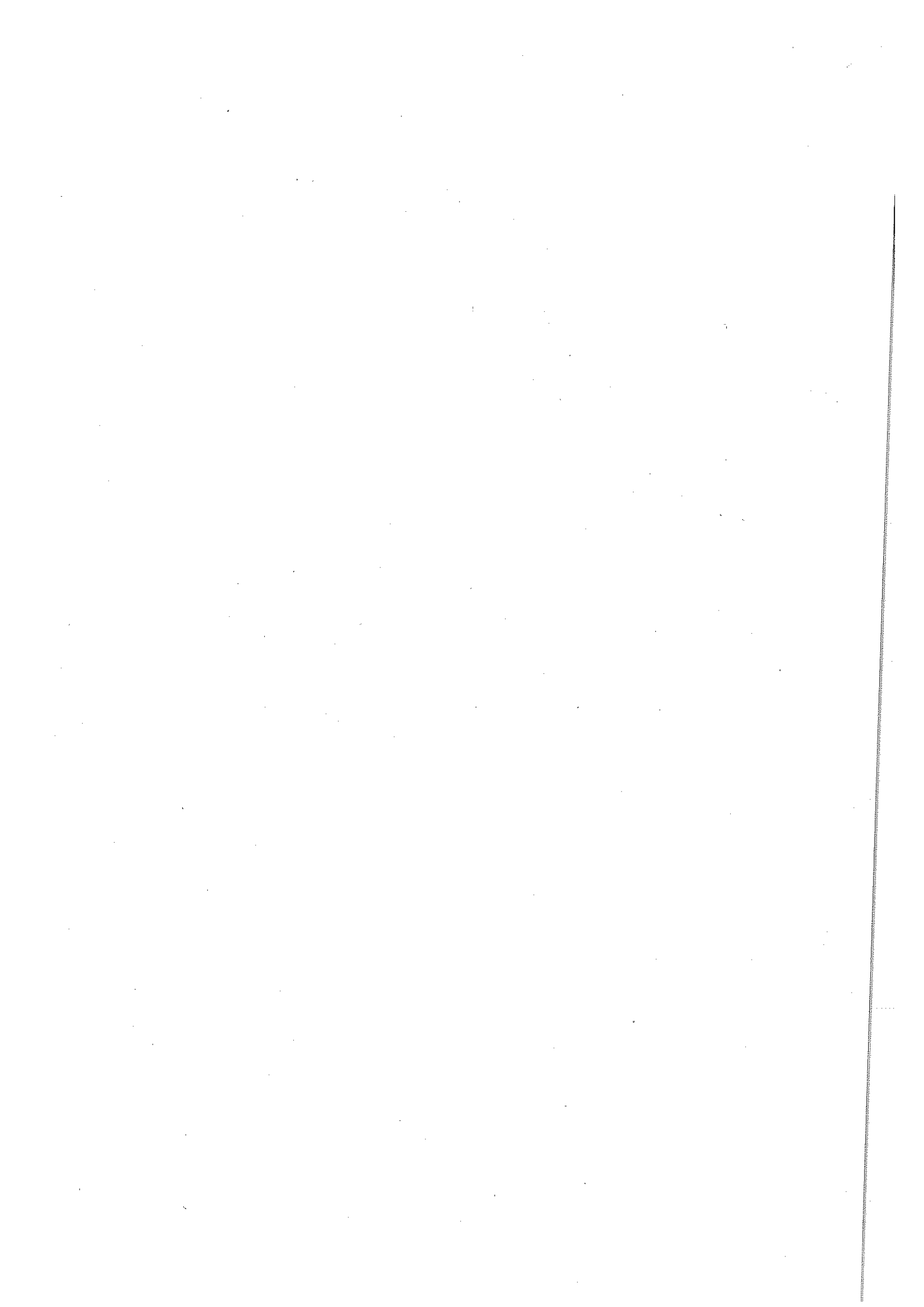
Date : 03-04-2019, Wednesday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Answer to the point.  
(2) Figure to the right indicate marks.  
(3) Write legibly.  
(4) Draw diagrams wherever necessary.

- Q.1 Describe etiopathogenesis , complications, epidemiology and laboratory diagnosis of Dengue fever 20
- Q. 2 Discuss the serological markers of Hepatitis B virus in staging of the disease. 20
- Q.3 Describe the principle, types and clinical application of ELISA techniques 20
- Q.4 Write notes on – 20  
(A) Opportunistic fungal infections  
(B) Parasitic infection of CNS
- Q.5 Write notes on – 20  
(A) Various sterilization techniques  
(B) Methods for disposal of Bio-medical waste
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**U417E120**  
**D.C.P. Examination**  
**Paper III**  
**Clinical Pathology**

**Date : 05-04-2019, Friday]**  
**Time : 3 Hours]**

**[Max. Marks : 100**

- Instructions :** (1) Answer to the point.  
 (2) Figure to the right indicate marks.  
 (3) Write legibly.  
 (4) Draw diagrams wherever necessary.

Q.1 Describe WHO classification of Myelodysplastic syndrome (MDS) discuss morphological features, cytogenetics and prognostic markers 20

Q. 2 write notes on. 20

- (A) Interpretation of bone marrow trephine biopsy  
 (B) Glycated hemoglobin (HbA1c)

Q.3 Write notes on 20

- (A) Laboratory diagnosis of visceral leishmaniasis  
 (B) Blood transfusion transmitted infections in Thalassemia

Q4. Write notes on 20

- (A) Interpretation of PAP smear by Bethesda system  
 (B) Laboratory diagnosis of Nephrotic syndrome

Q5. Write notes on 20

- (A) Preparation and therapeutic indication of various blood components  
 (B) Laboratory diagnosis of hemolytic anemia
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