

Date: 01-06-2016

Instructions:

GDV 2801

Second Year MBBS Examination

II MBBS Pathology Paper 1

Time: 2 hours

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

Max Marks: 40

1. Multiple Choice Questions (10)

- a. All of the following are true for Cell Aging EXCEPT :
 - A. Enlargement of Telomeres
 - B. Increased number of Mitochondria
 - C. Glycosylation of DNA
 - D. Glycosylation of RNA

- b. Auer Rods are seen in :
- A. Neutrophil
 - B. Lymphoblast
 - C. Plasma Cell
 - D. Myeloblast
- c. Kaposi Sarcoma arise from
- A. Vascular Tissue
 - B. Muscles
 - C. Connective Tissue
 - D. None of the above
- d. Full form of PCR (tumour marker) is
- A. Poor Chorionic Reaction
 - B. Primary Carcinoma Rate
 - C. Polymerase Chain Reaction
 - D. None of (A) (B) (C)
- e. Who invented the first, ever Microscope-?
- A. Cari Landsteiner
 - B. Rudolf Virchow
 - C. Antony Van Leeuwenhock
 - D. Paul Ehrlich
- f. Who is known as “Father of Cellular Pathology”?
- A. Cari Landsteiner
 - B. Rudolf Virchow
 - C. Antony Van Leeuwenhock
 - D. Paul Ehrlich
- g. Zenkers Degeneration is Hyaline degeneration of:
- A. Myocardial cell
 - B. Hepatocytes
 - C. Proximal Tubular Epithelial Cell

D. Rectus Abdominis Muscle

- h. Wear and Tear Pigments in the body refers to :
- A. Lipochrome
 - B. Melanin
 - C. Hemosiderin
 - D. Anthracotic Pigment
- i. Following are the properties of Amyloid Protein EXCEPT :
- A. Structureless
 - B. Intracellular
 - C. Homogenous
 - D. Eosinophilic
- j. Which pigment is seen mostly in Chronic malaria:
- A. Haemosiderin
 - B. Haemozoin
 - C. Bilirubin
 - D. Bilirubin

Section 2

(10)

2. Write in detail on any two: (5 marks each)

- a. Define and classify Anemia. Write in detail about Iron Deficiency Anemia.
- b. Enumerate Biological Carcinogens. Write in detail about Viral Carcinogenesis.
- c. Chemical Mediators of Acute Inflammation.

3. Write in brief on any five: (2 marks each)

(10)

- a. Metastatic Calcification
- b. Draw a labelled diagram of Tuberculous Granuloma
- c. Difference between Dry and Wet Gangrene
- d. Leukemoid Reaction
- e. HbA1C
- f. Blood Components in Blood Bank

4. Write in detail on any two: (5.marks each)

(10)

- a. Amyloidosis
- b. Beta Thalessemia
- c. Shock
