

CDO 8983

Second Year MBBS Examination

II MBBS Pathology Paper 1 (New)

Time: 3 hours Date: 03-07-2022 Max Marks:
100

Instructions:

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

1. **1. Structured Long Question:** (Attempt any one of the following questions)
 - a. Define necrosis. 2 Mention types of necrosis. 2 Write in detail about morphological features of 6 coagulative necrosis.

b. Define neoplasia. 2 Mention differences between benign and malignant neoplasms. 4 Write in detail about microbial carcinogenesis. 4 (10)

2. **2.** A. Case based scenario/ Applied short Notes: (Attempt any Two of the following questions)

- a. A 55 yrs old female is suffering from pedal edema, mention aetiological factors and lab diagnosis.
- b. Define autoimmune diseases. Write in detail about etiology and pathogenesis of systemic lupus erythematosus. (12)

3. **3.** Write short notes (Attempt any Three of the following questions)

- a. Type I hypersensitivity reactions.
- b. Tumour suppressor genes
- c. Role of nursing staff in a health care team.
- d. What is empathy? What is the role of empathy in the care of patients? (18)

4. **4.** Answer only in 2-3 sentence (Attempt any

Five of the following questions)

- a. Difference between lymphoblast and myeloblast
- b. Lipofuscin pigment
- c. Factors affecting wound healing.
- d. Granulomatous inflammation
- e. Hypovolemic shock
- f. PBS findings in megaloblastic anemia (10)

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Section 2

1. **5.** Structured long Question (Attempt any one of the following questions)
 - a. Define anemia. Describe iron deficiency anemia with etiology, lab diagnosis and peripheral blood smear findings. 2+2+3+3
 - b. Classify leukemias. Discuss clinical features and lab diagnosis of chronic myeloid leukemia (CM). 3+3+4 (10)

 2. **6.** A. Case based scenario/applied short notes: (Attempt any two of the following questions)
 - a. A chronic alcoholic patient comes with symptoms of weakness and lethargy. His haemoglobin is 8 gm % and mean corpuscular volume (MCV) is 115 fl. PBS shows presence of hypersegmented neutrophils. Identify the type of anemia and mention its morphological features and lab diagnosis.
 - b. A 30 yrs old female presents with cervical lymphadenopathy. Biopsy of the lymph node revealed Reed-Sternberg (RS) cells.
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Identify the condition and give its classification with brief description.

- c. An anemia patient was transfused blood in medicine ward, now the patient is suffering from Fever, chills and itching after blood transfusion. What is the possible cause and how will you investigate the case? (12)

3. **7.** Write short notes (Attempt any Three of the following question)

- a. Dystrophic calcification
b. Multiple Myeloma (18)

4. **8.** Answer only in 2-3 sentence (Attempt any Five of the following questions)

- a. Lab diagnosis of sickle cell anemia.
b. Lepromatous leprosy
c. Tumour markers
d. Causes of Thrombocytopenia
e. Sago spleen
f. Nutmeg liver. (10)
