


NC-2106000102010101
Second Year M. B. B. S. Examination
January - 2022
Pathology : Paper-I
(CBME New Course)

Time : 2 Hrs. 40 Minutes]

[Total Marks : 80

Instruction :

નીચે દર્શાવેલ નિર્દેશોનું ચિત્તે ઉપરોક્ત પર અવગત રાખવી. Fillup strictly the details of signs on your answer book. Name of the Examination :		Seat No. :
Second Year M. B. B. S.		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Subject :		Student's Signature
Pathology : Paper-I		
Subject Code No. :	Section No. (1, 2,.....): 2	
2 1 0 6 0 0 0 1 0 2 0 1 0 1 0 1		

SECTION- II (40 marks)
2 long Essay Questions: 20+10+10

(1. Compulsory to answer. Write 2 out of remaining 3)

- (1) 65-year-old female presented with black discoloration of foot and numbness in lower leg. She was known case of type 2 diabetes mellitus and on oral hypoglycemic drug since 2 years. On examination there was ulcer on foot and blackish discoloration of skin with sharp line of demarcation between the normal and affected part of the limb. Limb Pulsations were not palpable. Blood report showed leucocytos and RBS was 280 mg/dl. **20**
- Give the most probable diagnosis. **2**
 - Write etiology & pathogenesis of this condition. **5**
 - Write morphological changes in this condition. **5**
 - Describe different types of tissue necrosis. **5**
 - Which other tests you will advise to this patient to support your diagnosis? **3**

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1

[Contd...

Long essay questions: (Attempt any 2 out of 3) (10+ 10) 20

- (2) Define and classify shock. Describe pathogenesis 3+3+4
& morphological changes in various organs in septic shock.
- (3) Define and classify neoplasia. Write about various 3+3+4
routes of metastasis and their molecular mechanisms.
- (4) Define granuloma & write classification of 2+2+6
granulomatous condition, Discuss etiology, pathogenesis
& sequel of primary pulmonary tuberculosis.

SECTION 3 (40 Marks)

3 Write short notes. (Attempt 8 out of 10) (5 marks each)

- (1) Para neoplastic syndrome
- (2) What is Membrane attack complex (MAC)?
- (3) Types of infarct.
- (4) Turner's syndrome.
- (5) Exfoliative cytology.
- (6) Metaplasia.
- (7) Factors affecting granulation tissue formation in wound repair.
- (8) Opportunistic infection in AIDS
- (9) Blood component therapy.
- (10) Coomb's test.