

**BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)**  
**B.Sc. (Lab Sci) Sem-II :SUMMER- 2022**  
**SUBJECT : PATHOLOGY**

Day : Monday  
Date : 18-07-2022

**S-21605-2022**

Time : 10:00 AM-12:00 PM  
Max. Marks : 10

N.B.:

- 1) There are **THREE** sections as  
Section- A- Objective Type Questions                      10 marks  
Section- B- Long Answer Questions                          20 marks  
Section- C- Short Answer Questions                          10 marks
- 2) Section A is given **SEPARATE** sheet and has to be answered on **SAME** sheet.  
This sheet be completed within the **first 20 minutes** of starting of the  
examination. The sheet with section A only will be collected by Supervisor.
- 3) You have to make ✓ such kind of mark in the box of the appropriate answers.
- 4) There is no negative marking.

Seat No.

**SECTION-A**

- 1) Type of inflammation in tuberculosis is \_\_\_\_\_  
\_\_\_\_\_
- 2) Test for urine proteins is \_\_\_\_\_  
\_\_\_\_\_
- 3) Vacutainer used for complete blood count is \_\_\_\_\_  
\_\_\_\_\_
- 4) Thrombosis is defined as \_\_\_\_\_  
\_\_\_\_\_
- 5) Causative organism for acute meningitis is \_\_\_\_\_  
\_\_\_\_\_
- 6) Common cause of megaloblastic anemia is \_\_\_\_\_  
\_\_\_\_\_
- 7) What is heart failure cell? \_\_\_\_\_  
\_\_\_\_\_
- 8) Instrument for obtaining CSF sample is \_\_\_\_\_  
\_\_\_\_\_
- 9) Cirrhosis is \_\_\_\_\_  
\_\_\_\_\_
- 10) Red induration of lung is seen in \_\_\_\_\_  
\_\_\_\_\_

Total Marks Obtained: \_\_\_\_\_

Signature of Invigilator

Signature of Examiner

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Time : 10:00 AM-12:00 PM  
Max. Marks : **30**

N.B.:

- 1) There are **THREE** sections as  
Section- A- Objective Type Questions 10 marks  
Section- B- Long Answer Questions 20 marks  
Section- C- Short Answer Questions 10 marks
- 2) Section B has four long answer questions and **ANY TWO** questions have to be answered.
- 3) Section C has six short answer questions and **ANY FIVE** questions have to be answered.
- 4) Section B and C should be written in **SAME** answer sheet.
- 5) Draw neat diagrams **WHEREVER** necessary.

**SECTION-B**

**Long answer questions (attempt ANY TWO) (20)**

- 1) Define Leukemia. Classify Leukemias. Enumerate investigations in leukemias
- 2) Mention causative organism, modes of transmission and morphological types of tuberculosis.
- 3) Define neoplasia. Mention lab investigations for neoplasia in detail.
- 4) Classify diabetes. Write lab investigations in diabetes. Mention its complications

**SECTION-C**

**Short answer questions (attempt ANY FIVE) (10)**

- 1) What are factors affecting healing
- 2) Write down investigations in megaloblastic anemias
- 3) Write a note on types of leprosy
- 4) Mention features of anaplasia
- 5) Differentiate between wet and dry gangrene
- 6) Renal function tests

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