

2209H005

SECTION -B (ESSAY TYPE QUESTIONS)
(5x5=25 Marks)

1. Significance of packed red blood cell contamination?
2. Draw neat labelled diagram of normal Pap smear.
3. Mention different colours of Colloid in different stains.
4. Describe the voluntary donor selection Criteria.
5. Sample collection for endometrial cytology?
6. Quality control parameters of fresh frozen plasma?
7. Describe in detail the procedure for FNAC.
8. Discuss about indications of Bronchial brushings.

*****END OF PAPER*****

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BACHELOR OF VOCATION
Medical Laboratory Technology (MLT)
Subject: Systemic Pathology
Subject Code: LSH-703
Semester: Fifth
September 2022
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x1=10 Marks)

- A. HIV is a
- Retrovirus
 - DNA virus
 - Fungus
 - Bacteria
- B. Which one of the following is post streptococcal sequelae:
- Acute rheumatic fever
 - Cellulitis
 - Pharyngitis
 - Impetigo
- C. Agar concentration required to prepare nutrient agar is:
- 1-2%
 - 4-6%
 - 0.25-0.5%
 - 0.5-1%
- D. Which of the following factor does not affect microbial growth?
- Moisture
 - Disinfection
 - Darkness
 - Temperature
- E. Which is an enriched media?
- Selenite F broth
 - Peptone water
 - MacConkey agar

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- Chocolate agar
- F. *Mycobacterium tuberculosis* is also known as
- Golden bacilli
 - Koch's bacillus
 - Magical bacilli
 - Hansen's bacilli
- G. Father of antiseptic surgery is
- Louis Pasteur
 - Robert Koch
 - Antonie Van Leeuwenhoek
 - Lister
- H. What solution is used to maintain sterility in labs?
- Sodium Chloride
 - Sodium Hypochlorite
 - Sodium Cyanide
 - Sodium Sulphate
- I. An electrophoresis machine is used to
- separate DNA
 - separate blood components
 - separate the bone components
 - separate the muscle fibers
- J. Which of the following devices are used to maintain a sterile environment while working with microorganisms?
- Laminar Airflow
 - Microwave oven
 - Water Bath
 - Incubator