

MLT ASCP Practice Study Guide

Questions 2023

Standard precautions apply to all of the following except:

- a. Blood
- b. Cerebrospinal fluid
- c. Semen
- d. Concentrated acids
- d. Concentrated acids

The most important practice in preventing the spread of disease is:

- a. Wearing masks during patient contact
- b. Proper hand washing
- c. Wearing disposable laboratory coats
- d. Identifying specimens from known or suspected HIV- and HBV-infected patients with a red label
- b. Proper hand washing

The appropriate dilution of bleach to use in laboratory disinfection is:

- a. 1:2
- b. 1:5
- c. 1:10
- d. 1:100
- d. 1:10

How frequently should fire alarms and sprinkler systems be tested?

- a. Weekly
- b. Monthly
- c. Quarterly
- d. Annually
- c. Quarterly

Where should alcohol and other flammable chemicals be stored?

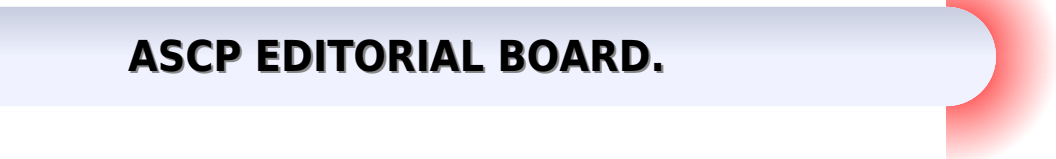
- a. In an approved safety can or storage cabinet away from heat sources
- b. Under a hood and arranged alphabetically for ease of identification in an emergency
- c. In a refrigerator at 2 C to 8 C to reduce volatilization
- d. On a low shelf in an area protected from light
- a. In an approved safety can or storage cabinet away from heat sources

The most frequent cause of needle punctures is:

- a. Patient movement during venipuncture
- b. Improper disposal of phlebotomy equipment
- c. Inattention during removal of needle after venipuncture
- d. Failure to attach needle firmly to syringe or tube holder

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BOC Study Guide, 2018 *BOC STUDY GUIDE MLS-MLT CLINICAL LABORATORY EXAMINATIONS*. ASCP EDITORIAL BOARD., 2022 **Unofficial Practice Questions for the ASCP MLT Exam** Mike Yu, Examreview, 2024-05-30 Book updated May 2024 American Society for Clinical Pathology ASCP offers the MLT certification A Medical lab technician MLT can assist doctors and other specialists by performing tests on blood tissue and other bodily fluids the results of which will be useful for diagnosing and treating patients This book is designed to provide you with a wide array of practice questions that cover the breadth of topics you will encounter on the exam Whether you are just beginning your studies or are looking for a final review before test day this resource aims to build your confidence and competence in each subject area The ASCP MLT exam is a rigorous test that evaluates your knowledge and skills across various domains of clinical laboratory science It requires not only an understanding of theoretical concepts but also the ability to apply this knowledge in practical scenarios This book has been carefully crafted to cover the content of the MLT exam with multiple choice questions that mirror the difficulty of those that you will encounter There are explanations accompanying each question providing clarity on why the correct answer is right and why the other options are incorrect This will help reinforce your understanding of key concepts and enhance your problem solving skills Preparing for the ASCP MLT exam can be challenging but with dedication and the right resources you can achieve success This book is a tool to help guide your study and ensure you are well prepared for test day Remember thorough preparation and practice are key to your success We are not affiliated with ASCP MLT is the trademark of ASCP We mention MLT only for identifying the exam per fair use **MLT Study Guide** Gavin H. Frazier, Matthew Reyes, Alina Stephenson, 2025 *MLT Study Guide* Cynthia S. Barnett, Georgia Sims, 2025 **ASCP MLT Exam** Robin Hewlett-Powell, 2021-05-20 Prepare for the ASPC BOC Medical Laboratory Technician exam with this big unofficial book of practice questions There are 500 questions to practice with making this book the ideal exam preparation tool The questions are in a format and style similar to those included on the BOC certification examinations The questions are arranged into seven chapters corresponding to the seven content areas on the examination These seven content areas are Blood banking Urinalysis and other body fluids Chemistry Hematology Immunology Microbiology Laboratory operations **ASCP MLT Exam** The Examelot Team, 2024-11-03 Prepare for the ASCP BOC Medical Laboratory Technician MLT Exam with this unofficial book of practice questions now in its second edition This edition includes 500 multiple choice questions 100 more than the previous version covering all seven ASCP MLT exam content areas 1 Blood banking 2 Urinalysis and other body fluids 3 Chemistry 4 Hematology 5 Immunology 6 Microbiology 7 Laboratory operations Questions mirror the types of questions you ll encounter on the ASCP MLT exam Answers are provided at the end of each section complete with explanations to help deepen your understanding New to this edition 100 new questions Corrections and refinements to previous questions Updates to align with the latest ASCP MLS exam guidelines This book is also a valuable resource for those

taking the ASCP MLS exam as both exams share similar content This book offers unique questions different from those in the ASCP MLS Exam Practice Questions book

SAMPLE QUESTIONS

Below are six sample questions from the book

1 BLOOD BANKING The _____ effect is the phenomenon of stronger antigen expression with homozygous genotypes than heterozygous genotypes a dosage b homozygous c position d prozone Answer a dosage Explanation The dosage effect is when an antigen reacts more strongly when there are two copies of a gene homozygous than when there is only one copy heterozygous

2 URINALYSIS AND OTHER BODY FLUIDS What is nocturia a Blood in the urine b Difficulty urinating c Excessive urination at night d Pain during a period Answer c Excessive urination at night Explanation Nocturia is the condition of waking up during the night to urinate It can disrupt sleep and is often a symptom of underlying health issues such as diabetes heart failure or urinary tract infections

3 HEMATOLOGY Which type of immunoglobulin is the Donath Landsteiner antibody a IgA b IgD c IgG d IgM Answer c IgG Explanation The Donath Landsteiner antibody is an IgG autoantibody that causes a rare disorder called paroxysmal cold hemoglobinuria The antibody binds to red blood cells in cold temperatures leading to hemolysis when the blood warms to 37 C

4 IMMUNOLOGY Which of these diseases is a viral infection of the liver a Hepatitis B b HIV c Syphilis d Tuberculosis Answer a Hepatitis B Explanation Of the possible answers only hepatitis B is a viral infection of the liver

5 MICROBIOLOGY Which of these could cause stain precipitation a Excessive buffer b Excessive humidity in the air c Insufficient staining time d Use of aged staining solutions Answer d Use of aged staining solutions Explanation Stain precipitation is the presence of unwanted dots specks or crystals on a slide caused by particles from the staining solution Precipitation can occur because the staining procedure was too long the rinsing was insufficient or because the staining solution is old Over time staining solutions can deteriorate leading to the formation of insoluble particles

6 LABORATORY OPERATIONS A lab assistant makes a 1 6 dilution of serum in water The assistant then performs a glucose test on the diluted serum The result is 72 mg dL What result should the lab assistant report to the doctor a 12 mg dL b 72 mg dL c 432 mg dL d 720 mg dL Answer c 432 mg dL Explanation The serum has been diluted by a factor of 6 Therefore you need to multiply the glucose result by 6 to get the true result 72 6 432

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