



ASCP-MLT^{Q&As}

MEDICAL LABORATORY TECHNICIAN - MLT(ASCP)

Pass ASCP ASCP-MLT Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/ascp-mlt.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by ASCP
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



**QUESTION 1**

Hemoglobin H is a tetramer made of four beta globin chains. Hemoglobin H occurs when there is very limited alpha chain availability used to make normal hemoglobin A. Hemoglobin H forms in those affected with alpha thalassemia major as

well as in people with the combination of two-gene deletion alpha thalassemia and hemoglobin Constant Spring.

Hematology

Which of the following combination of globin chains comprise Hemoglobin H?

- A. 2 alpha, 2 beta
- B. 2 alpha, 2 gamma
- C. 4 beta chains
- D. 4 alpha chains

Correct Answer: C

QUESTION 2

Pluripotential stem cells are ultimately capable of differentiating into all types of leukocytes.

Hematology

Pluripotential stem cells are capable of producing which of the following:

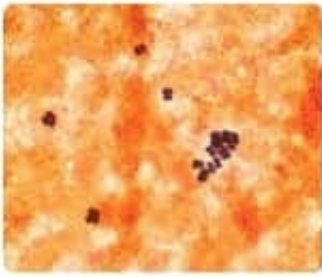
- A. Only T-lymphocyte and B-lymphocyte subsets
- B. Erythropoietin, thrombopoietin and leukopoietin
- C. Lymphoid and myeloid stem cells
- D. Daughter cells from only a single cell line

Correct Answer: C

QUESTION 3

In reporting out Gram stains, one should not go beyond what objective observation will allow. In this case, bacterial cells are observed, which are spherical and gram-positive. Their arrangement in tetrads and clusters might be helpful to the physician, suggesting staphylococci. However, one should stop short of naming staphylococci in an official report, as the large gram-positive cocci in tetrads is also suggestive of Micrococcus species, for which human infections have not been reported.

A Gram stain of the serous exudate is shown in the image. The appropriate report would read:



- A. Gram-positive cocci
- B. Gram-positive cocci in tetrads and clusters
- C. Gram-positive cocci suggestive of Staphylococcus species
- D. Smear positive for bacteria

Correct Answer: B

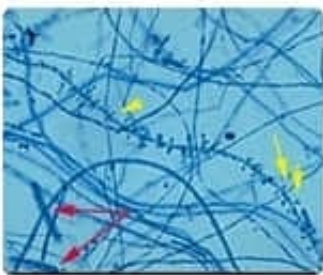
QUESTION 4

The correct answer is *Trichophyton rubrum*. The tiny microconidia are lined up in a "birds on the fence" arrangement along the hyphal strand transversing the field of view (yellow arrows). Two pencil-shaped, smooth walled macroconidia are

also seen in the lower left field of view (red arrows).

Trichophyton verrucosum may produce microconidia in small quantities. However, they are irregularly arranged with little tendency to line up along the hyphae. Antler hyphae and string bean macroconidia are characteristic of this species.

One of the key characteristics in the identification of *Epidermophyton floccosum* is the inability of this dermatophyte to produce microconidia. Two to four-celled, club-shaped macroconidia are produced, usually in clusters of two or three.



The profusion of tiny microconidia lining up along the hyphae in this photomicrograph is characteristic of which of the following organisms?

- A. *Epidermophyton floccosum*
- B. *Trichophyton verrucosum*



C. Trichophyton rubrum

Correct Answer: C

QUESTION 5

The last choice in this question is false. Rocky mountain spotted fever is NOT geographically restricted to the Rocky mountain region. In fact, according to the CDC, this disease is widely distributed east of the Rocky Mountains and also occurs in limited areas on the Pacific Coast.

Which one of the following statements is false?

- A. Rickettsial infections are usually best diagnosed by specific serology, rather than the Weil-Felix test
- B. Ehrlichiosis is transmitted by the lonestar tick
- C. Rickettsia rickettsii causes Rocky mountain spotted fever
- D. Rocky mountain spotted fever is almost always geographically restricted to the Rocky mountain region

Correct Answer: D

[ASCP-MLT Practice Test](#)

[ASCP-MLT Study Guide](#)

[ASCP-MLT Braindumps](#)