Unit 5 - Week 2

Assignment 2

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-08-23, 23:59 IST.

1. What are the limitations of sputum smear microscopy?
   - Low sensitivity
   - It cannot distinguish Mycobacterium tuberculosis from other mycobacteria
   - Cannot distinguish dead bacilli from viable bacilli
   - All of the above
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   All of the above
   
2. What is the gold standard test for TB diagnosis?
   - Sputum microscopy
   - A strongly positive tuberculin skin test
   - Culture of Mycobacterium tuberculosis
   - Chest X-ray suggestive of Pulmonary TB
   - None of the above
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Culture of Mycobacterium tuberculosis
   
3. Is the IGRA system for culturing of Mycobacterium tuberculosis, which of the following specimens is NOT considered suitable?
   - Blood
   - Cerebrospinal fluid
   - Non-caseous lymph nodes
   - Mucosal fluid
   - Plasma
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Plasma
   
4. What is the turnaround time for Xpert MTB/RIF test?
   - <6 h
   - 6-12 h
   - 24 h
   - All of the above
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   All of the above
   
5. Which of the following gene mutations is responsible for resistance to Rifampin?
   - vanA
   - pmrA
   - rpsR
   - rpsG
   - None of the above
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   None of the above
   
6. The free fall time of a dust particle within the diameter of tubercle bacilli is
   - Differentiating active from healed TB not possible
   - Not an abnormality in definition of TB
   - Not a marker variability in common
   - All of the above
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   All of the above
   
7. All the above about TB sputum except
   - It accounts for 50% of aerial TB
   - MFT is highly sensitive and specific in early detection
   - Usually located in L4-5 space
   - Can be confirmed by the gap optimal zone suggestive of TUBerculosis
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   MFT, usually located in L4-5 space
   
8. An optimal percutaneous site in the case
   - Sputum seen beyond the radiograph
   - Tines not seen through the heart
   - Intervillar node seen through the heart
   - Long fields appear darker than normal
   
   No, the answer is incorrect. Score: 0
   Accepted Answers:
   Intervillar node seen through the heart