CME Post Test

Direction
To earn the CME credit, please answer the following questions and return the answers to the CME Office at Sina & Sadra Convention Center, Neshaat Street, Shiraz, 71345.1846, Iran. Successful completion of the test is defined as a score of at least 70% correct.

1) Which one is nearest to the annual incidence of brucellosis in Iran?
   a. Two hundred cases per one million population
   b. One case per one million population
   c. Fifty cases per one million population
   d. One hundred cases per one million population

2) What is the main reason for seeking medical attention in children with brucellosis?
   a. Complaints arising from the skeletal system
   b. Abdominal complaints
   c. Gastrointestinal complaints
   d. Neurological complaints

3) Which one is the most prevalent location of the skeletal involvement of brucellosis in adults?
   a. Sacroiliac joint
   b. Knee
   c. Hip
   d. Spine

4) What type of joint involvement may occur in brucellosis?
   a. Direct joint involvement
   b. Reactive joint involvement
   c. Both types of direct joint involvement and reactive arthritis
   d. Joint involvement due to enthesopathy

5) What is probably the most common site of skeletal involvement of brucellosis in children?
   a. Spine
   b. Intervertebral disk
   c. Peripheral joints
   d. Interphalangeal joints

6) Which one is more associated with sacroiliitis?
   a. Brucella abortus
   b. Brucella melitensis
   c. Brucella suis
   d. Brucella canis

7) What is the most common site of brucellosis complications?
   a. Gastrointestinal tract
   b. Neurological system
   c. Hematological system
   d. Bone and joints

8) Which one is another name of brucellosis?
   a. Malta fever
   b. Periodic fever
   c. Undulant fever
   d. Relapsing fever
9) How many people are infected with brucellosis worldwide annually?
   a. One hundred thousand
   b. More than half a million
   c. Three hundred thousand
   d. Fifty thousand

10) Which one is the best description for the Brucella microbe?
   a. An aerobic, non-motile Gram-negative intracellular bacterium, without spores
   b. An aerobic, motile Gram-positive intracellular bacterium, without spores
   c. An anaerobic, non-motile Gram-negative intracellular bacterium, with spores
   d. An anaerobic, motile Gram-negative intracellular bacterium, without spores

11) How many species does brucellosis have?
   a. Two
   b. Three
   c. Four
   d. Seven

12) Which of these species is more pathogenic in dogs?
   a. Brucella canis
   b. Brucella suis
   c. Brucella abortus
   d. Brucella melitensis

13) Which of these species is more pathogenic in cattle?
   a. Brucella abortus
   b. Brucella melitensis
   c. Brucella canis
   d. Brucella suis

14) Which of these species is more pathogenic in sheep and goats?
   a. Brucella melitensis
   b. Brucella abortus
   c. Brucella suis
   d. Brucella canis

15) What is the most common site of involvement in Brucella spondylitis?
   a. Lumbar region
   b. Cervical region
   c. Thoracic region
   d. Sacral region

16) Which one is the most prevalent site of involvement in Brucella spondylitis?
   a. Superior vertebral region
   b. Posterior vertebral region
   c. Anterior superior vertebral endplate
   d. Posterior superior vertebral region

17) Which could be a complication of Brucella spondylitis?
   a. Spondylolisthesis
   b. Paraplegia
   c. Sphincter malfunction
   d. All of the above

18) Which one could be present in the absence of arthritis in brucellosis?
   a. Arthralgia
   b. Joint effusion
   c. Joint warmth
   d. Limitation of motion
19) How many joints are involved in the vast majority of the cases of brucellosis?
   a. Two  
   b. One  
   c. Three  
   d. Polyarticular

20) What joint(s) is more commonly involved in peripheral Brucella arthritis?
   a. Hip and knee  
   b. Interphalangeal joint  
   c. Elbow joint  
   d. Ankle joint