**KENYA MEDICAL TRAINING COLLEGE**

**KMTC QUALITY MANAGEMENT SYSTEMS**

**FACULTY OF CLINICAL SCIENCES**

***DEPARTMENT OF ORTHOPAEDICS AND TRAUMA MEDICINE***

***GENERAL ORTHOPAEDICS I***

**Module: General Orthopaedics I**

**MCQS (Multiple Choice Questions)**

1. Which of the following is an orthopedic emergency?

A. lntra-articular fracture

B. Septic arthritis

C. Fracture lateral condyle humerus

D. Fracture neck femur

2. Most common joint involved in septic arthritis:

A. Knee

B. Flip

C. Shoulder

D. Elbow

3. Aspirated synovial fluid in septic arthritis will have:

A. Clear color

B. High viscosity

C. Markedly increased polymorphonuclear leukocytes

D. None of the above

Ans. is ‘C’ Markedly increased polymorphonuclear leukocytes

4. Deformity in transient synovitis of hip:

A. Abduction

B. Flexion

C. External rotation

D. All of the above

5. Septic arthritis is diagnosed by:

A. X-ray

B. Joint aspiration

C. USG

D. MRI

6. A 4/m complaints of high-grade fever, decreased appetite and pain right hip. On examination he has dehydration/ tenderness in scarpas triangle/swelling in right hip region, flexion, abduction and external rotation at hip/absent movements in right hip region. on X-ray there is mild increase in medial joint space. Diagnosis is:

A. Septic arthritis

B. Transient synovitis

C. Tubercular arthritis

D. Dislocation hip

7. A 7/M complaints of fever and pain right hip. On examination he has swelling in right hip region, flexion, abduction and external rotation at hip and there is mild reduction in movements in right hip region. On X-ray there is mild increase in medial joint space. Diagnosis is:

A. Septic arthritis

B. Transient synovitis

C. Tubercular arthritis

D. Dislocation hip

8. A 7-year-old boy with abrupt onset of pain in hip with hip held in abduction. Hemogram is normal. ESR is raised. What is the next line of management?

A. Hospitalize and observe

B. Ambulatory observation

C. Intravenous antibiotics

D. USG guided aspiration of hip

9. Transient synovitis (toxic synovitis) of the hip is characterized by all of the following, except:

A. May follow upper respiratory infection

B. ESR and white blood cell counts are usually normal

C. Ultrasound of the joint reveals widening of the joint space

D. The hip is typically held in adduction and internal rotation

10. Tom Smith’s arthritis is due to:

A. Pyogenic infection in infancy

B. TB

C. RA

D. OA

11. Tom Smith arthritis manifests as:

A. Increase hip mobility and instability

B. Hip stiffness

C. Ankylosis

D. Lengthening of limb

12. Septic arthritis in a 2-year-old child is often caused by:

A. Haemophilus influenzae

B. Staphylococcus aureus

C. Gonococci

D. Pneumococci

13. Most common cause of bony ankylosis is:

A. Rheumatoid arthritis

B. Pyogenic arthritis

C. Tubercular arthritis

D. Osteoarthritis

14. Chondrolysis occurs commonly in:

A. T.B. arthritis

B. Syphilitic arthritis

C. Chondrosarcoma only

D. Septic arthritis of infancy