Write short notes on:

1. Define Gait. What are its phases and enumerate various pathological gaits with their causes.  
   2+(3+5)

2. a) What are the attachments on greater trochanter?  
   b) Indications and steps of safe surgical dislocation of hip.  
   4+6

3. a) What is kanaval's sign?  
   b) Management of suppurative flexor tenosynovitis of hand.  
   3+7

4. Types and principles of biopsy for musculoskeletal tumors.  
   10

5. a) Haemophilic cyst.  
   b) Medical ethics in orthopaedics.  
   5+5

6. a) Precautions taken by surgical team during operation of HIV positive patient.  
   b) Surgical site infection: prevention & treatment.  
   5+5

   10

8. a) Musculoskeletal manifestations of neurofibromatosis.  
   b) Polyostotic fibrous dysplasia.  
   5+5

9. a) Osteitis fibrosa cystica.  
   b) Spina ventosa.  
   5+5

10. a) Prevention and treatment of pressure sores and urinary tract infection in a paraplegic patient.  
    b) Fat embolism syndrome.  
    5+5

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POSSESSION / USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL.