1. **which of the following indicate isolated tear of lateral collateral ligament of knee joint:**
   a- with the knee fully extended, applying a varus will make a cleft laterally
   b- with the knee 30 flexed, applying a varus will make a cleft laterally

2. **all of the following support your diagnosis of carpal tunnel syndrome except:**
   a- thenar muscle atrophy
   b- tinel's sign
   c- reproduction of symptoms by reverse prayer sign
   d- loss of opposition of thumb
   e- forment's sign

3. **a wife house cut her wrist parallel to wrist crease and proximal to it... all of the following can be found except:**
   a- partial cut of FDS tendon as the pt can't flex her DIP of middle finger
   b- complete cut of FDS tendon as the pt can't flex her ring finger to her palm
   c- cut of FDS and FDP as the pt can't flex her index finger at all
   d- ulner nerve cut as the pt lost sensation on ulner side of the hand
   e- median nerve cut as the pt lost sensation on radial side of index

4. **all true except:**
pain disproportionately greater than expected is benign joint arthritis

5. **all true except:**
chronic charcot joint... painful joints
6. **ankyloising spondyolitis**, all are true except:
- familial tendency
- asymmetrical distribution of affected joints
- seronegative
- loss of neck lordosis

7. **all are causes of true lower limb shortening except**:
- adductor contractures
- following septic arthritis
- fractures
- following total hip arthroplasty
- congenital

8. **regarding the innervation of the hand, the wrong statement**:
- adductor muscles of the thumb are supplied by radial nerve

9. **all are seronegative for RF except**:
- rheumatoid arthritis
- psoriatic arthritis
- reactive arthritis
- ankylosing spondylosis
- enteropathic arthritis

10. **all are associated with reactive arthritis except**:
- otitis media
- conjunctivitis
- mouth ulcers
- balanitis
- rt knee effusion

11. **all are red flags for lower back pain except**:
- a duration of more than 2 weeks
- age > 55
- urinary incontinence
- fractures
12. patient presented with hip pain, with normal x-ray of the hip, taking steroid since 2 months, negative family history of rheumatoid arthritis. What's the most likely diagnosis?
    avascular necrosis of the hip

13. The mismatched drug with its side effect:
    steroids >> positive antinuclear antibody

14. The true statement about rheumatoid nodules:
    can occur in the lung
    they're tender ...
    they're hard
    located at the flexor surface of the forearm
    seronegative RF

15. All of the following are mismatched except:
    Graves disease >> digital acropachy

16. All of the following produces diffuse goiter except:
    malignancy
    puberty
    Graves