

# **MSS Final Exam**

## **73Q / 100**

**Collected by: Karam Shtayat**

### **Pathology**

- 1- Disease in non-pituitary dwarfism is:**  
**ANS: Achondroplasia**
- 2- Most common location for osteosarcoma is:**  
**ANS: Knee joints**
- 3- O - ring is characteristic feature of:**  
**ANS: Chondroma**
- 4- Targetoid body is related to:**  
**ANS: Erythema Multiform**
- 5- Marfan syndrome is due to:**  
**ANS: Fibrillin mutation**
- 6- Colles sign is:**  
**ANS: Distal radius fractures**
- 7- Case of disease with fracture in head of femur... mostly caused by:**  
**ANS: osteoporosis**
- 8- Disease with morning stiffness and improve with activities is :**  
**ANS:**
- 9- Case: elevation of ANA, elevation of antibodies., is commonly due to:**  
**ANS: dermatomycosis**
- 10- all is correct for Basal Cell Carcinoma, except:**  
**ANS: can make vascular invasion/metastases**

**11- Myasthenia Gravis is due to:**

ANS: AB against Ach receptors

**10- Case: histological pic of patient shows a small round blue cells so disease is**

ANS: Ewing still sarcoma

**11- Case: patient with hip fracture, what the best to do?**

ANS: Cast is unnecessary

**12- A case of patient which has t (21,22)**

ANS: Ewing sarcoma

**13- Muriroforms bodies:**

ANS: Chromoblastomyocytes

**14- Wrong regarding Paget's disease:**

ANS: No risk for osteosarcoma

**15- Defect in collagen synthesis:**

ANS: OI

# Microbiology

- 1- **Statement wrong belong to bacteriology fragility is:**  
ANS: usually caused gas gangrene
- 2- **Disease in immunofluorescence hohow fih nenet like patrern ofor IgG deposition is:**  
ANS: valguris pemphigus
- 3- **Mismatch statement is:**  
ANS: impetigo - nail infection
- 4- **Diffuse epidermal hyperplasia is:**  
ANS: Acanthosis
- 5- **Piedra is infection in?**  
ANS: Hair
- 6- **Mismatched statement is:**  
ANS: Cutaneous larva migrans mosquito
- 7- **Fish-netlike pattern:**  
ANS: Pemphigus vulgaris
- 8- **Not true regarding trichinella spiralis:**  
ANS: Larvae can't be found in animal muscles
- 9- **Can't cause mucocutaneous infection:**  
ANS: Dermatophytes
- 10- **Not true statement:**  
ANS: Rubella can cause as same as later clinical presentation as rubeolla causes
- 11- **dsDNA viruses:**  
ANS: All HSV types
- 12- **False regarding VZV**  
ANS: It causes genital diseases

# Anatomy

- 1- Obturator nerve supply all muscle below except:**  
ANS: Piriformis
- 2- Middle meningeal artery:**  
ANS: Foramen spinosum
- 3- Muscle responsible for stabilization of femur:**  
ANS: Tensor fascia latae
- 4- Carpal bone that isn't part of proximal row of carpal bones is**  
ANS: Pisiform bone
- 5- Brachialis insertion in:**  
ANS: Coronoid tubercle
- 6- Ligament that connects laminae of vertebra is:**  
ANS: ligamentum flavum
- 7- Muscle flex of hip in:**  
ANS: Anterior part is psoas
- 8- Stratum Spinosum:**  
ANS: Prickle cell + Microfilaments between desmosomes
- 9- Stratum Granulosum:**  
ANS: Waterproofing layer
- 10- Calcaneus involve in?**  
ANS: Middle and lateral line of foot arch
- 11- NOT related to superior aspect of axilla:**  
ANS: Coracoid process
- 12- Muscles of the gut are derived from:**  
ANS: Splanchnic mesoderm

13- **A false statement :**

ANS: Osteoclasts are mononuclear cells derived from pluripotent hematopoietic cells

14- **True about osteoblasts:**

ANS: Produce growth factors and cytokines

15- **True regarding wrist joint:**

ANS: Distally it articulates with scaphoid, lunate and triquetral

16- **Not of rotator cuff:**

ANS: Teres major

17- **Which of the following muscle NOT attach to greater tuberosity?**

ANS: Subscapularis muscle

18- **NOT part of quadrangular space:**

ANS: Deltoid muscle

19- **External rotation of leg:**

ANS: Biceps femoris

20- **Nerve of anterior part of knee:**

ANS: Femoral nerve

21- **Limitation of hyperextension:**

ANS: Ischiofemoral ligament

22- **Nerve that cross brachial artery anteriorly:**

ANS: Median nerve

23- **Support lamina of vertebra:**

ANS: Ligmentum flavum

24- **Spring ligament**

ANS: Calcaneonavicular ligament

# Pharmacology

1- **Drug that highly increases concentration of CS is:**

ANS: Diclofenac sodium

2- **All of these drugs used for acne vulgaris, except:**

ANS: Topical clindamycin with benzoyl peroxide,

- (the answer maybe: oral clindamycin)

3- **Patient with Corticosteroid uses for 1 year and has osteoporosis, so we give to him bisphosphonate?**

ANS: false

4- **Case with underexcretion of uric what use?**

ANS: Probenecid

5- **A false statement:**

ANS: Combination of coal tar & UVB

6- **A patient had been treated with a gel for psoriasis, suddenly she developed Tinnitus and hyperventilation, she had been treated with:**

ANS: Salicylic acid

7- **A NOT correct statement:**

ANS: Combination between isotretinoin and adapalene can be done

8- **A NOT recommended drug for pts with CHF:**

ANS: Succinylcholine

9- **If all of the following occur, you should stop colchicine TT, except:**

ANS: Total dose does not exceed 4 mgs

10- **All are used for TT of under secretion type of gout except:**

ANS: Allopurinol

11- **Not a first line DMARD:**

ANS: Penicillamine

12- **A False statement:**

ANS: Probenecid is used to treat acute attack of gout

13- **Infliximab most expected side effect is:**

ANS: Increase risk of infections

## Community

1- **Not true statement:**

ANS: People aged 44\_65 years have the greatest risk for back pain recurrence

2- **A False statement:**

ANS: MSDs are due to a single risk factor

# Physiology

- 1- **False statement according of fibers muscles is**  
ANS: Fast glycolytic fiber have highly capillary vessels
- 2- **Ca bind to ..... and activate .....**  
ANS: Troponin-tropomyosin complex ... myosin
- 3- **High concentration in blood synovial fluids:**  
ANS: Diclofenac sodium
- 4- **A true statement:**  
ANS: I band contains only actin , H zone contains only myosin
- 5- **To get smooth muscle contracted :**  
ANS: Myosin light chain should be phosphorylated
- 6- **A true statement:**  
ANS: FG muscle fibers have lower capillary blood flow than SO fibers
- 7- **Patient with osteomalacia , what is true regarding his case :**  
ANS: Increase ca, Decrease po<sub>4</sub>, Increase parathyroid, Increase ALP