1. THE MOST COMMON CAUSE OF IMETIGO:

- STAPHYLOCOCCUS AUREUS
- Pseudomonas auregonosa

Answer: STAPHYLOCOCCUS AUREUS

2. THE MOST COMMON CAUSE OF GAS GANGARINE IS:

- Clostridium perfringens
- Streptococcus pneumonia

Answer: Clostridium perfringens

3. WHICH OF THESE IS INCORRECT:

Answer: HSV-1 COMMONLY CAUSES GENITAL HERPES

4. THE RESERVOIR OF T.SPIRALIS IS:

- Sand flies
- Raccoon dogs

- PIGS

Answer: PIGS

5. WHICH IS WRONG ABOUT SHINGLES:

Answer: HAPPENS IN YOUNG ADULTS

6. ALL OF THE FOLLOWING ARE COMMON PRESENTATIONS IN PARACITIC INFECTIONS EXCEPT:

- Jaundice
- hepatosplenomealy
- anemia
- dysentry
- Lymph node enlargement

Answer: Jaundice
7. WHICH OF THESE IS WRONG:

- ☒ TINIA UNGUM_RING WORMS OF THE HAND
- ☐ Tinea capitis- ring worm of the scalp
- ☐ Footinea pedis – ring worm of foot

Answer: TINIA UNGUM_RING WORMS OF THE HAND

8. ALL OF THE FOLLOWING ARE GOOD ENVIROMENTS FOR FUNGAL SPREAD EXCEPT:

- ☐ low ph
- ☐ schools
- ☒ dryness

Answer: dryness

9. RUBELLA (GERMAN MEASLS):

- ☐ Mild pink rashes begins at the scalp and spread downward
- ☐ Lasts for days (sth like that)

Answer: Lasts for days

10. THE AGENT OF CHAGAS DISEASE IS:

- ☒ Trypanosoma cruzi
- ☐ Trypanosoma brucei
- ☐ leishmania

Answer: Trypanosoma cruzi
11. **ONE OF THE FOLLOWING IS WRONG ABOUT PSORIASIS:**

- ☐ koebnar phenomenon is that psoriatic lesions can be induced by local trauma
- ☒ CD8+ t cells attack dermal papillae cell and induce dermatoses lesions (sth like that)

**Answer:** CD8+ t cells attack dermal papillae cell and induce dermatoses lesions (sth like that)

12. **PATIENT WITH NO MEDICAL HISTORY CAME WITH A BACK PAIN AND RIGHT HIP PAIN...PAIN WORSENS AT END OF DAY.... WHEN EXAMINED THE SPINE IT SHOWED OSTEOPHYTES... SO WHAT IS THE MOST PROBABLY DISEASE:**

- ☐ RA
- ☒ osteoarthritis
- ☐ osteomyelitis

**Answer:** osteoarthritis

13. **WHICH OF THE FOLLOWING IS FALSE ABOUT DEVELOPMENTAL BONE DISEASE:**

- ☐ Osteogenesis Imperfecta type 2 is lethal
- ☒ the major cases of achondroplasia are lethal conditions

**Answer:** the major cases of achondroplasia are lethal conditions

14. **FALSE SENTENCE ABOUT PAGET DISEASE**

- ☒ abnormal concentration of ca and phosphate
- ☐ High level of alkaline phosphatase

**Answer:** abnormal concentration of ca and phosphate

15. **PATIENT WITH DOUBLE VISION AND PTOSIS, HIS MUSCLES STRENGTH WEAKENS WITH USE, HE WILL MOST PROBABLY HAVE:**

**Answer:** high Ach receptor antibodies

16. **ALL OF THE FOLLOWING ARE TRUE EXCEPT:**

- ☒ the location of chondrosarcoma is within hand and foot
- ☐ Ollier disease associated with IDH

**Answer:** the location of chondrosarcoma is within hand and foot
17. A PATIENT ON MICROSCOPIC EXAMINATION SHOWED CHINESE LETTER PATTERN:

- fibrous dysplasia
- Rheumatoid arthritis
- osteoarthritis

Answer: fibrous dysplasia

18. WHICH OF THE FOLLOWING IS WRONG ABOUT TUMORS:

- [ ] OSTEOSARCOMA PROGNOSIS DEPEND ON BOTH STAGING AND GRADING
- [x] synovial sarcoma is most common synovium tumor of knee joint with t(x,18)

Answer: synovial sarcoma is most common synovium tumor of knee joint with t(x,18)

19. ABOUT DERMATITIS WHICH IS FALSE

Answer: erythema multiform is life threatening disease

20. DYSKERATOSIS

Answer: abnormal keratinization below ST

21. WHICH ONE IS WRONG:

- [ ] 17 sporadic dysplastic nevus in unexposed skin increase risk of transformation into melanoma
- [x] melanoma with 0.3 mm depth and "large diameter" is worse than another melanoma "with less diameter" and 2 mm depth

Answer: melanoma with 0.3 mm depth and "large diameter" is worse than another melanoma "with less diameter" and 2 mm depth
22. **ONCHYMYCOSIS TREATED BY:**
- ☒ terbanifine
- ☐ itranodazole
- ☐ griseofalvin

Answer: terbanifine

23. **FALSE ABOUT NSAID**
- ☒ Anti asthmatic drug
- ☐ Anti-inflammatory
- ☐ Decrease mucous secretion
- ☐ Anti-pyretic

Answer: Anti asthmatic drug

24. **SOMEONE TOOK A DRUG AND CAME WITH ORAL INFLAMMATION, WHAT IS THE POSSIBLE DRUG TAKEN:**
- ☒ isotretinoin
- ☐ Benzyl peroxide
- ☐ clindamycin

Answer: isotretinoin

25. **WE ADMINISTRATE METHTREXATE TO RHEUMATOID ARTHRITIS BECAUSE:**

Answer: it's immunosupresser and anti-inflammatory

26. **ONE OF THE FOLLOWING IS NOT A SIDE EFFECT OF DEPOLARIZING DRUGS:**
- ☐ MH
- ☒ soreness
- ☐ Hyperkalemia.
- ☒ hypotension

Answer: hypotension
27. **WHEN TO USE BACLOFEN?**

Answer: Stroke Shock

28. **WRONG MATCH:**

- ☒ calcipitorine....... vit-A analogue
- ☐ oral labile herpes .... acyclovir

Answer: calcipitorine....... vit-A analogue

29. **STUDENT PHARMA QUESTION => WHICH IS FALSE**

Answer: hydrophilic drug has great skin penetration rate
30. IN THE CONTRACTION OF SMOOTH MUSCLE, ONE OF THE FOLLOWING IS TRUE:

☒ myosin light chain phosphorylation is a must to start
☐ Myosin Light Chain Phosphatase is the main enzyme involved smooth muscle contraction.

Answer: myosin light chain phosphorylation is a must to start

31. IF CURARE WAS ADDED TO MUSCLES ... ALL OF THE FOLLOWING WILL BE REDUCED EXCEPT:

☐ amplitude of EPP
☐ amplitude of MEPP
☐ frequency of MEPP
☐ releasing of acetyl choline from presynaptic
☒ two choices are correct

Answer: two choices are correct (Release of ACH vesicles + Amplitude of MEPP).

32. IF YOU PERFORM AN ISOLATED NERVE-MUSCLE CONTRACTION WITH LOW EXTRACELLULAR CA +2, ALL OF THE FOLLOWING WILL BE AFFECTED EXCEPT:

☐ amplitude of EPP
☐ amplitude of MEPP
☐ influx of Ca to presynaptic
☐ # of Ach vesicles released

Answer: amplitude of MEPP (not sure)

33. THE TYPE OF RYNOIDINE RECEPTOR:

☐ Ca channel blocker
☐ Ligand gated
☐ Voltage gated
☐ Voltage sensing ca channel

Answer: Voltage sensing ca channel (not sure)
34. **IF THE TWITCH TIME OF A SKELETAL MUSCLE FIBER CONTRACTION IS 25 MS, AND YOU STIMULATE THIS MUSCLE FIBER AT FULL RECRUITMENT AT 20 HZ FOR 1 SECOND, YOU WILL PRODUCE:**

- tetanus
- fatigue
- partial tetanus
- multiple waves reaching baseline
- increasing in amplitude

**Answer:**

the frequency required for summation is $1/25 \text{ms} = 40 \text{Hz}$
So 20 isn't enough for summation
So "multiple waves reaching baseline" or not reaching baseline " increasing in amplitude"
Are logical answers
Also there isn't sufficient info to decide which one

35. **WHAT IS TRUE ABOUT MUSCLE 1 (FAST FIBERS)**

- It has short turn over + fast myosin atpase (High turnover rate.)
- It has a lot of myoglobin
- It has many capellaries
- All answers are true
- high oxidative activity

**Answer:** It has short turn over + fast myosin atpase (High turnover rate.)

36. **REGARDING THE VELOCITY-FORCE CURVE: PHYSIOLOGY DIAGRAM SHOWING THE RELATION BETWEEN FORCE AND V POINTING AT THE TIME WITH ZERO VELOCITY ASKING ABT THE TYPE OF CONTRACTION?**

- Isometric
- isotonic
- eccentric

**Answer:** Isometric
37. **LENGTH WISE DIVISION OF A MUSCLE FIBER IS:**

- Myofibril
- sacromere
- Myosin filament
- titin

**Answer:** Myofibril

38. **THE BIOCHEMICAL BASIS OF EDS IS:**

- defect in quality or quantity of collagen
- Carnitine Palmitoyltransferase (CPT II) deficiency
- Osteoclast defect

**Answer:** defect in quality or quantity of collagen

39. **REGARDING BECKERS MUSCULAR DYSTROPHY:**

- Deletion is large and in frame
- Deletion is large and outframe
- Deletion is small and in frame
- Deletion is small and outframe

**Answer:** Deletion is large and in frame

40. **PTH IN NORMAL CONDITION WILL INCREASE CA BY**

- increase renal absorption and bone resorption
- Increase renal absorption and decrease bone resorption
- Decrease bone resorption and renal absorption

**Answer:** increase renal absorption and bone resorption

41. **COLLAGEN FIBRILS ARE:**

**Answer:** Multiple tropocollagen
42. ONE OF THE FOLLOWING IS WRONG:

☐ hip acetabulum is directed medially
☐ lesser sciatic foramen is formed by sacrotuberous and sacropubic

Answer: both are true

43. WHICH OF THE FOLLOWING IS FALSE ABOUT KNEE JOINT:

☐ popliteaus causes medial rotation of femur to unlock knee
☐ ligaments are relaxed in locked extention state
☐ Femur medially rotate to lock knee
☐ Another true choice

Answer: 1+2 are correct

44. ONE IS TRUE:

☐ capsule bind laterally to humeral anatomic neck
☐ synovial membrane on the anterior aspect will expand and form subscapular bursae

Answer: both are true

45. ALL OF THE FOLLOWING ARE ASSOCIATED WITH MIDDLE MEATUS EXCEPT:

☐ Anterior ethmoidal sinus open in it
☐ frontal with anterior ehmoidal drain in frontonasal canal that open in it
☐ maxillary opening
☒ ehmoidal-sphenoidel recess

Answer: ehmoidal-sphenoidel recess

46. ALL OF THE FOLLOWING ARE PARTS OF MEDIAL WALL OF ORBIT EXCEPT:

☐ lacrimal bones
☒ greater wing of sphenoid
☐ maxillary process of frontal bone
☐ sphenoid bone
☐ lateral plate of ehmoid

Answer: greater wing of sphenoid
47. WHICH OF THE FOLLOWING DON’T PRODUCE PLANTAR FLEXION:

- Flexor digitorium brevis
- gastronemius
- plantaris
- soleus

Answer: Flexor digitorium brevis

48. ALL OF THE FOLLOWING SENTENCES ARE CORRECT ABOUT THE BONES OF UPPER LIMB EXCEPT:

- the ulna is medial and slightly longer than radius
- in the distal end of humerus capitulum and trochea are found posteriorly (+)
- a tuberosity and styloid process are features of radius

Answer: in the distal end of humerus capitulum and trochea are found posteriorly

49. THE MUSCLE THAT DOESN’T INSERT ON LINEA ASPERA:

- Gracilis
- Pectenious
- Adductor magnus
- Adductor brevis
- Adductor longus

Answer: Gracilis

50. LUMBRICALS IN THE HAND TAKE THEIR ORIGIN FROM?

- FDP tendon
- Proximal of second, third, and fourth metacarpals
- FDS tendon

Answer: FDP tendon

51. A CHILD WAS BORN WITH AMELIA BCZ HIS MOTHER HAS BEEN TAKEN:

Answer: thalidomide
52. **WHAT IS WRONG ABOUT THE FOOT?**

- ☐ Transverse arch is incomplete one, lying in the axis
- ☒ Talus articulate superiorly with tibia only and inferiorly with calcaneus
  
  **Answer:** Talus articulate superiorly with tibia only and inferiorly with calcaneus

53. **MOTOR BRANCH OF THE TRIGEMINAL NERVE EXIT THE SKULL THROUGH?**

- ☒ ovale
- ☐ rotendum
- ☐ superior orbital fissure
- ☐ Inferior orbital fissure
  
  **Answer:** ovale

54. **THE SUBLINGUAL GLAND AND THE SUBMANDIBULAR GLAND ARE SEPARATED BY:**

- ☐ mylohyoid crest
- ☒ mylohyoid line
  
  **Answer:** mylohyoid line

55. **MEISSNER’S CORPUSCLES LIES IN THE**

- ☒ dermal papilla
- ☐ hypodermis
- ☐ epidermis
  
  **Answer:** dermal papilla

56. **WRONG ABOUT CLAVICLE:**

- ☒ medial flat head
- ☐ Lateral flat head
- ☐ Articulate laterally with acromion
  
  **Answer:** medial flat head
57. **WHAT IS WRONG ABOUT BODY JOINTS?**

   Answer: The shoulder joint moves in two axis.

58. **WHAT MAKES THE MEDIAL WALL OF THE ANATOMICAL SNUFF BOX?**

   - Extensor pollicis longus
   - Abductor pollicis longus
   - Extensor pollicis brevis
   - Extensor carpi radialis

   Answer: Extensor pollicis longus

59. **NOT OF THENAR MUSCLES**

   - pollicis longus
   - adductor pollicis
   - Abductor pollicis brevis
   - Flexor pollicis brevis
   - opponins

   Answer: pollicis longus

60. **WHAT IS WRONG ABOUT STERNOCLEIDOMASTOID**

   - It's originated by a "common one" head from the sternum and the clavicle
   - Left one contraction – right rotation and left flexion
   - Right one contraction – left rotation and right flexion
   - Bilateral contraction – extension of head at atlantooccipital joint and neck flexion
   - Insert in mastoid process of temporal bone

   Answer: It's originated by a "common one" head from the sternum and the clavicle

61. **WHICH OF THE FOLLOWING IS WRONG:**

   - Drilling through periosteum cause dull pain initially
   - Cortical bone fractures are more painful than perosteal and spongy bone

   Answer: Cortical bone fractures are more painful than perosteal and spongy bone
62. **THE OUTER COVERING OF THE COMPACT BONE?**

- periosteum, dense irregular connective tissue
- endosteum, dense irregular connective tissue
- periosteum, Dense regular connective tissue
- endosteum, Dense regular connective tissue

**Answer:** periosteum, dense irregular connective tissue

63. **DEEP MUSCLES OF LEG**

- Popliteus.
- Extensor halluces longus
- Flexor digitorum longus.
- Tibialis posterior.

**Answer:** Extensor halluces longus

64. **ALL THE FOLLOWING STRUCTURE PASS UNDERNEATH FLEXOR RETINACULUM AT THE WRIST EXCEPT:**

- ulnar nerve
- median nerve
- flexor pollicis longus
- flexor digitorum superficialis
- flexor digitorum profundus

**Answer:** ulnar nerve

65. **(EMBRYO)APEX OF EACH LIMB BUD, THE ECTODERM THICKENS TO FORM AN:**

**Answer:** apical ectodermal ridge.

66. **THE SKIN CELL THAT FUNCTION AS ANTIGEN PRESENTING CELL IS:**

**Answer:** langerhans cell
67. **ALL OF THE FOLLOWING ARE HISTOLOGICAL CHARACTERISTICS OF THE BONE TISSUE EXCEPT:**

   Answer: osteons are not a lined in the same direction along the lines of the stress

68. **ALL THE FOLLOWING BONES OSSIFY BY ENDOCHONDRAL TYPE OF OSSIFICATION EXCEPT:**

   - Humerus
   - 1st metacarpal
   - 4th metatarsal
   - Frontal
   - 1st metatarsal

   Answer: Frontal


   - sternocleidomastoid
   - subclavius
   - Pectoralis major
   - deltoid

   Answer: sternocleidomastoid

70. **MUSCLES OF THE TONGUE WHICH ONE IS WRONG:**

   - Hyoglossus insert into sides of the tongue
   - Intrinsic muscles change shape of tongue
   - Tongue has intrinsic and extrinsic muscles
   - Genioglossus originate from lower border of mandible body
   - Extrinsic muscles originate from bones near tongue

   Answer: Extrinsic muscles originate from bones near tongue (as palatoglossus don’t originate from bone)
71. **BACK PAIN IS:**

- ☐ the most common cause of activity limitation in people younger than 45 years,
- ☐ mostly affect (25-44)
- ☐ black more than white
- ☐ male more than female

*Answer:* the most common cause of activity limitation in people younger than 45 years

72. **LEAST ASSOCIATED WITH BACK PAIN:**

*Answer:* heavy physical activity