



Physiotherapy

Part –B (35X1=35)

1. Total Lung Capacity is
 - a. Tidal volume plus residual volume
 - b. Residual volume plus vital capacity
 - c. Expiratory reserve volume plus residual volume
 - d. Inspiratory capacity plus residual volume

2. Not a feature of Putamen lesion
 - a. Resting tremor
 - b. Muscle rigidity
 - c. Athetosis
 - d. Dystonia

3. Which is not a feature of Lateral Medullary Syndrome?
 - a. Contra lateral Horner's syndrome
 - b. Ipsilateral ataxia
 - c. Contra lateral spino thalamic tract damage
 - d. Ipsilateral nystagmus

4. The flexor synergy includes
 - a. Hip flexion, abduction and external rotation
 - b. Hip flexion, adduction and external rotation
 - c. Hip flexion, abduction and internal rotation
 - d. Hip flexion, adduction and internal rotation

5. Floor reaction orthosis is given for weakness of
 - a. Hamstring muscle
 - b. Quadriceps muscle
 - c. Hip flexors
 - d. Hip extensors

6. Syme's amputation is at
 - a. Transfemoral level
 - b. Transtibial level
 - c. Distal end of tibia and fibula near the ankle
 - d. Metatarsal level



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7. Functional position of the hand is
- Wrist extension, MCP extension, IP flexion, Thumb adduction
 - Wrist flexion, MCP extension, IP flexion, Thumb abduction
 - Wrist extension, MCP flexion, IP extension, Thumb adduction
 - Wrist flexion, MCP flexion, IP extension, Thumb adduction
8. Which test is done for testing the hip deformity caused by ilio tibial band?
- Thomas test
 - Ober's test
 - Faber's test
 - Ely's test
9. Type of bladder developed in patients with spinal cord lesions above T10 – T11
- Atonic bladder
 - Automatic bladder
 - Autonomous bladder
 - Uninhibited bladder
10. Galeazzi fracture dislocation is
- Dislocation of radial head, with supra condylar fracture
 - Dislocation of radial head with ulnar shaft fracture
 - Fracture of distal shaft of radius associated with dislocation of ulna
 - Fracture of ulnar styloid fractures
11. The proportion of rays absorbed depends upon the angle with which it strikes is called
- Inverse square law
 - Snell's law
 - Cosine's law
 - Growthus law
12. Regarding Broca's aphasia, all are correct, except
- Non fluent with telegraphic speech
 - Reduced verbal content
 - Comprehension is good
 - Superior temporal gyrus (area 22)
13. Alveoli at the apex of the lung have a larger volume than basal alveoli. Which law is this?
- Ohm's law
 - Boose law
 - Boyle's law
 - Ballow's law



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14. Dissociated sensory loss is seen in
- Traumatic paraplegia
 - Gullain- Barre syndrome
 - Extra medullary tumour
 - Syringomyelia
15. Ulnar claw hand is due to paralysis of
- Flexor carpi ulnaris
 - Flexor digitorum profundus
 - Lumbricals
 - Abductor digiti minimii
16. QRS segment in ECG indicates
- Atrial depolarisation
 - Atrial repolarisation
 - Ventricular depolarization
 - Ventricular repolarisation
17. The strength of a muscle is its ability to generate
- Tension
 - Force
 - Traction
 - Friction
18. Which of the following is the best exercise to correct a Trendelenburg gait pattern?
- Bridging
 - Bridging with resisted abduction
 - Bridging with straight leg raise
 - Squats
19. Measurement for axillary crutches
- 5cm below posterior axillary and 15 cm laterally with patient in supine lying
 - 7cm below anterior axilla and 10 cm laterally with patient in standing position
 - 4cm below anterior axilla and 10cm medially with patient supine lying
 - 5cm below post axilla and 12cm laterally with patient standing
20. Codman's pendulum exercises are based on the principle of
- Inertia
 - Friction
 - Momentum
 - Buoyancy
21. Ground glass and biconcave vertebrae appearance in x ray is seen in
- Spondylolisthesis
 - Spondylosis
 - Osteoporosis
 - Osteoarthritis



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22. Lateral wedging in the footwear is given to correct
- Genu Valgus
 - Genu Varum
 - flat foot
 - cavus foot
23. Monteggia fracture is fracture of
- Lower half of ulna with anterior dislocation of the radial head
 - Upper half of ulna with posterior dislocation of the radial head
 - Upper half of ulna with anterior dislocation of the radial head
 - Lower half of ulna with posterior dislocation of the radial head.
24. Maitlands Grade IV joint play of motion is
- Oscillations of Large Amplitude At The Beginning Range.
 - Oscillations of Small Amplitude At End Range.
 - Oscillations of Large Amplitude At End Range.
 - Oscillations of Large Amplitude At Mid Range
25. The distribution of force within a body, which qualified as force divided by the area over which force acts, is known as
- Tension
 - Shear
 - Compression
 - Stress
26. What is the mechanism of injury for anterior dislocation of shoulder?
- Internal rotation, Abduction
 - External rotation, Abduction
 - Internal rotation, Adduction
 - External rotation, Adduction
27. Why throwing develop medial epicondylitis?
- Distraction
 - Compression
 - Varus stress
 - Valgus stress
28. Homan's sign indicates
- Thrombo phlebitis of posterior tibial vein
 - Tarsal tunnel compression syndrome
 - Achilles tendon rupture
 - 1st ray mobility



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29. Sprinter's fractures is an avulsion fractures of
- Anterior superior iliac spine
 - Posterior superior iliac spine
 - Posterior interior iliac spine
 - Anterior interior iliac spine
30. Rotatory nystagmus is seen in
- anti convulsant overdosage
 - Bell's palsy
 - Vestibular dysfunction
 - Mid brain lesion
31. In III order lever, the mechanical disadvantages is due to
- Force arm $>$ weight arm
 - Weight arm $>$ force arm
 - Force arm = weight arm
 - Force arm $<$ weight arm
32. Small myelinated fibers transmitting pricking pain are
- A delta fibre
 - C fibers
 - A beta fibers
 - B fibers
33. Electrical stimulation of pontine apneustic centre causes
- Forceful inspiration
 - Forceful expiration
 - Accelerated respiration
 - Apnoea
34. The unit of measurement for the magnitude of a force is
- Pound
 - Gravity
 - Velocity
 - Newton
35. In gait cycle, the phase of double support extends
- 7%
 - 11%
 - 15-30%
 - 45-60%

