

QUESTION SERIES

QUESTIONS TEST 1

Start time:

End time:

150 minutes

1. When treating an acute lumbar strain, the treatment choice is:
 - A. Hot packs and ultrasound
 - B. Extension exercises
 - C. Flexion exercises
 - D. Difficult to decide based on information given

2. massage is used to obtain sensory stimulation.
 - A. Stroking
 - B. Effleurage
 - C. Kneading
 - D. Friction

3. Sprain is an injury to:
 - A. A ligament or joint capsule with or without dislocation.
 - B. A joint capsule with dislocation.
 - C. A ligament or joint capsule without dislocation.
 - D. Muscle, ligament or bone.

4. Which of the following instruments is most accurate to measure A-P translation of the knee for an ACL sprain?
 - A. Goniometer
 - B. Arthrometer
 - C. Tape measure
 - D. Dynamometer

5. Anterior talofibular ligament checks.....
 - A. Posterior movement of leg over talus, external rotation of leg and inversion.
 - B. Posterior movement of leg over talus, internal rotation of leg and inversion
 - C. Anterior movement of leg over talus, internal rotation of leg and eversion

- D. Anterior movement of leg over talus, external rotation of leg and eversion
6. During wrist extension,.....
- A. Distal carpals glides palmarly
 - B. Proximal carpals glides palmarly
 - C. Proximal carpal glide dorsally
 - D. Proximal carpals supinates on radius
7. A patient has limited right rotation caused by left thoracic facet joint capsular tightness at T6-7. What arthrokinematic glide would MOST effectively improve right rotation in sitting?
- A. Superior and anterior glide on the right T7 transverse process
 - B. Superior and anterior glide on the left T7 transverse process
 - C. Superior and anterior glide on the right T6 transverse process
 - D. Superior and anterior glide on the left T6 transverse process
8. Which fissure of the brain separates the temporary lobe from the frontal and parietal lobes?
- A. Transverse fibers
 - B. Longitudinal cerebral fissure
 - C. Central sulcus
 - D. Lateral central fissure
9. Which of the following procedures is most commonly used to determine activity tolerance after myocardial infarction ?
- A. Graded exercise test.
 - B. MUGA.
 - C. Echocardiography.
 - D. All of the above.
10. A multigated acquisition (MUGA) scan is an imaging test to see how your heart pumps blood. It measures a percentage called ejection fraction (EF). The resting potential of a cell may be defined as:
- A. A refractory period in which the cell can not respond to stimuli.
 - B. The inherent ability of the cell to suspend protein synthesis.

- C. Selective membrane permeability to potassium, resulting in an electronegative potential within the cell.
 - D. The result of a strong influx of sodium ions through the cell membrane.
11. While treating hyperhidrosis in adults, initially the dosage of iontophoresis should be
- A. 100 mA min.
 - B. < 100 mA min.
 - C. 200 mA min.
 - D. 300 mA min.
12. Splitting Below Elbow (BE) stump longitudinally at the interosseous membrane into radial and ulnar rays is referred to as:
- A. Krukenberg amputation
 - B. Below elbow amputation
 - C. Wrist disarticulation
 - D. Wallenberg's amputation
13. The joint to be involved earliest in ankylosing spondylitis is:
- A. Spine
 - B. Hips
 - C. Sacroiliac joints
 - D. Costochondral joints.
14. Therapeutic program for gout could include administration of:
- A. Heavy dose of vit C.
 - B. Phenyl butazone
 - C. Furosemide
 - D. Gold therapy
15. Disharmony in the functions of Chi will result in:
- A. Disorder
 - B. A balance of the meridians

- C. All of them
 - D. None of them
139. Tardy ulnar nerve palsy is due to:
- A. Cubitus valgus.
 - B. Fixation of nerve in the groove by osteoarthritis.
 - C. Excision of elbow joint
 - D. Fracture of internal condyle
140. Combination of flaccid and spastic dysarthria may occur in:
- A. Amyotrophic lateral sclerosis
 - B. Bulbar polio
 - C. Stroke
 - D. Cerebellar lesions
141. While studying cardiology you are learning about cardiac output, Cardiac output refers to the amount of blood pump the heart in a specific time period. Which of the following best describe cardiac output?
- A. Blood pump by the heart in a 24 hours period
 - B. Blood pump by the heart in 1 hour
 - C. Blood pump by the heart during 60 seconds period
 - D. Blood pump by the heart during an 8-hour period.
142. In studying physical therapy you are learning about the differences between various spina bifida disorders. You are specifically studying spina bifida meningocele. Which of the following would best describe this disorder?
- A. A soft tissue tumor in the meninges
 - B. A soft tissue tumor in the spinal cord
 - C. The most severe form of spina bifida
 - D. A herniated sac contained within the spinal cord
143. A therapist selects an assistive device for a patient rehabilitating from an ankle injury. Which of the following would serve as the most significant obstacle to independent ambulation with axillary crutches?
- A. Cognitive impairment
 - B. Weight bearing restrictions
 - C. Architectural barriers
 - D. Unilateral lower extremity weakness

144. Which assistive device allows for a two-point, three-point, and four-point gait pattern?
- A. Straight cane
 - B. Walker
 - C. Quad cane
 - D. Axillary crutches
145. The characteristic features of slipped capital femoral epiphysis are:
- A. Limitation of abduction and internal rotation. Femur rolls into abduction and external rotation during flexion and shortening.
 - B. Limitation of flexion, abduction and internal rotation and shortening.
 - C. Limitation of flexion and internal rotation. Femur rolls into abduction and external rotation during flexion and lengthening.
 - D. Limitation of flexion, abduction and internal rotation and lengthening.
146. You are performing an upper extremity evaluation on a patient with an injury to the right shoulder. You are evaluating the muscles that attach to the greater tuberosity of the humerus. In planning this patient's treatment program, which of the following muscles would NOT be emphasized?
- A. Supraspinatus
 - B. Infraspinatus
 - C. Teres minor
 - D. Subscapularis
147. The hip abduction takes place with nerve innervation from the superior gluteal nerve. Which muscles compose the hip abductor group?
- A. Psoas major, iliacus, sartorius
 - B. Gluteus medius, gluteus minimus, tensor fasciae latae
 - C. Gluteus medius, gluteus minimus, sartorius
 - D. Gluteus medius, gracilis, pectineus
148. You are performing a gait evaluation on a cross-country track runner who pulled a hamstring muscle. During which period of time in the patient's gait cycle would the hamstring muscle be the most active?
- A. Midstance to heel-off
 - B. Swing phase

- C. Acceleration to midswing
- D. Midswing to deceleration

149. You are performing palpation on a patient with general lower back pain. Which of the following landmarks would be most helpful to isolate the L4 vertebral level upon palpation of this patient?

- A. Anterior superior iliac spine
- B. Posterior superior iliac spine
- C. Iliac crest
- D. Greater trochanter

150. You are a physical therapist giving instruction on the skin care to a 65 years old female who is below knee amputee. Upon observation you notice that the patient's opposite lower extremity toes are dark and discolored with mild atrophic changes in the nails. You also note that there is mild swelling of the foot and ankle. Which of the following most likely suspect?

- A. The presence of thrombophlebitis
- B. Chronic venous insufficiency
- C. The patient will loss her remaining extremity within a few months
- D. Lymphedema