**Final-Term Assignment/viva (spring -020)**

**Neurological Physical Therapy (LAB)**

**DPT 8th Semester**

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**Time: Till Saturday Max Marks:**

**1.While performing Halpike dix manure in your objective examination of a 43 years old lady towards right side extension, right side rotation, you experience lateral beating of the eye ball towards the nose .What does it means in canal involvement?**

1. Posterior canal involvement left side
2. Posterior canal involvement right side
3. **Horizontal canal right side**
4. deHorizontal canal left side

**2. The manure by which we find out the involvement of semicircular canal of vestibular cochlear nerve in the examination of the cranial nerve**

* 1. Apley,s test
  2. **Halpike dix manure**
  3. VBI insuffiancy test
  4. None

**3.You are examining a 67 years old CVA patient for his lower limb synergy, during passive range of motions; there is uniform, constant resistance as limb is throughout the range .How will you mark this spasticity on Ashworth’s scale.(search Ashworth scale for spasticity)**

1. 1
2. 2
3. 3
4. **4**

**4. A physical therapist is treating a patient for pain and restricted ROM in neck, selecting a PNF technique by contracting the agonist isometrically followed by stretching of the antagonist, most likely he is using a neurophysiologic phenomenon known as:**

1. Reciprocal initiation
2. **Reciprocal inhibition**
3. Successive induction
4. Irradiation

**5. While training a patient of CVA for step climbing , if patient is able to place his foot on step but unable to climb on stairs what muscle/muscles needs to be trained**

1. Ankle dorsi flexors
2. Hip extensors
3. Knee flexors
4. **A&B**

**6. A 65 years old parkinsonism patient is referred to your department by a neurologist for physical therapy treatment , during objective examination you found the patient with ,few minimal impairments and activity limitations with independence maintained, movements symptoms present but do not interfere with daily activities, movement symptoms , often tremor ,occur on one side of the body ,changes noted in posture , walking ability , or facial expression ,Parkinson medications effectively suppress movement symptoms . These are the clinical features of (search stages of Parkinson disease).**

1. **Early /mild PD**
2. Middle moderate PD
3. Late /advanced PD
4. None of the above

**7. A 76 years old parkinsonism patient is referred to your department by a neurologist for physical therapy treatment , during objective examination you found the patient with Numerous impairments with increase severity , severe activity limitations with dependence in most activities, great difficulty walking ; typically –chair or bed most of the day ,assistance needed with all ADL ,severe participation restrictions , Cognition problem may be prominent ,including dementia , hallucinations and delusions** **(search stages of Parkinson disease).**

1. Early /mild PD
2. Middle moderate PD
3. **Late /advanced PD**
4. None of the above

**8. Mr Hameed is a 65-year old right-handed male who experienced a cerebrovascular accident 15 days ago. CT scan and MRI indicated ischemic stroke in the precentral gyrus and pre motor area. He has the signs incontinence ,abolia ,akinetic mutism ,apathy ,hemiparesis with lower extremities more weaker than upper ,is the lesion of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

1. PCA
2. **ACA**
3. Rt MCA
4. Lt MCA

**9. Flexion injuries, Anterior damage, Fracture, dislocation, disc protrusion, Loss of motor function, Loss of pain and temperature , Kinesthetic and proprioception preserved. These are the signs of**

1. **Anterior cord syndrome**
2. **Central cord syndrome**
3. **Posterior cord syndrome**
4. **Brown Sequard Syndrome**

**10. Spastic bladder is usually stimulated by**

1. Manual stimulation
2. Stroking
3. Taping &Hair pulling
4. **All of the above**

**11. All of the following are the complications of spinal cord injury**

1. Chest Complications
2. Pressure sores
3. UTI
4. **Normal muscle tone**

**12. You are working as physiotherapist in neuro surgery ward and mainly dealing with spinal cord injury , a newly appointed trainee is asking about a patient who had RTA 3days back and is T7 complete paraplegia , for his positioning what must be your instructions**

1. **Positional change after every 2 hours on bed (log and roll)**
2. Positional change after every 3 hours on bed (log and roll)
3. Positional change after every 1 hours on bed (log and roll)
4. Positional change after every1/ 2 hours on bed (log and roll)

**13. It is an insult to the brain, not of a degenerative or congenital nature but caused by an external physical force, that may produce a diminished or altered state of consciousness, which results in an impairment of cognitive abilities or physical functioning. Statement is true for**

1. **TBI**
2. SCI
3. SLE
4. NONE of the above

**14. The ability of human brain to execute smooth, accurate, controlled motor responses is called**

1. Plasticity
2. **Coordination**
3. Control
4. None of the above.