**Paper: Neurology .**

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**Q:1………….?**

**Ans: Parkinson VS Parkinsanisem.**

A neurological disorders that’s is characterized by the resting tremors ,slowing of the abnormal involmentry movement, abnormal gait pattern and posture along with certain muscular weakness all these abnorlmalities progress slowly and is due to the damage of brain part called basal ganglia. That’s the basal ganglia fail to produce enough amount of dopamine.

**Parkinsanisem:** It has the clinicaly same symptoms as like Parkinson disorders, and is typically characterized by bradykinesia, rigidity along with the posture instability occure.

**Part (b)…………?**

**Ans: Primary Clinically features of Parkinson disease.**

The primary symptoms of Parkinson disorders involved the abnormal movment along with loss of muscle control.

if the degenerative changes are progressively increased then it may lead to secondery clinically features of Parkinson disease.

**Secondary symptoms of Parkinson disease:**

The secondary features of Parkinson disorders may involved the following sign and symptoms,

* Feelings of stress anxiety .
* Constipation.
* Loss of memory.
* Increase solvation and swallowing difficulty.
* Speech Problems.
* Eractile dysfunction.

**Part (c)…………?**

**Physical therapy management of Parkinson disease.**

* **Special exercises e.g:** Swimming , Walkings .
* **Occupational therapy for Parkinson.**
* **Balancing trainings .**
* **Gait trainings.**

**Q (2)………………….?**

**Ans:** cerebral cortex of the brain are classified into four section called lobes.

**Frontal lobe.**

**Parietal lobe.**

**Occipital lobe.**

**Temporal lobe.**

***Function of brain lobes:***

**Frontal lobe:** Control voluntary movement.

**Parietal lobe:** Temperature, test , touch.

**Occipital lobe:** Vision ,

**Temporal lobe:** Sight touch, Sound.

**Q (3)……………………?**

**Ans (a): Strocke:** Its also brain attack and is characterized by loos of blood flow to the part of the brain as a resulte brain become damage.

**Types of strock:**

**1: Ischemic strock.**

**2: Hemorrhagic strock.**

**Ans (b): Neurological symptoms in strock patient.**

* Musculler weakness loss of sensation complete or partial paralyses and cognative abnormalities.

**Complication:**

* **Awareness**
* **Gugdment**
* **Learnings .**
* **Speech processing and interpretation.**
* **Sensation loss.**

**Part (c) : Exercise management in strock:**

* **Aerobic exercise.**
* **Chest physio therapy.**
* **Limb physiotherapy.**
* **Stretching exercise.**
* **Strengthening exercise.**
* **Used of Assistive aides.**

**END OF PAPER**