**VALENCIA COMMUNITY COLLEGE**

**Paramedic III Review – Geriatric Emergencies, The Challenged Patient, Acute Interventions for the Chronic Care, Environmental Emergencies, Abuse and Assault, Assessment Based Management, Case Studies and Management.**

**Understand the types of deafness: Sensorineural, and Conductive**

**How to conduct an assessment of a deaf patient, and a blind patient, and dealing with a service dog.**

**Understand the purpose and diseases that would require Hospice**

**The predisposing factors of environmental illnesses**

**Signs and symptoms of heat loss, hyperthermia symptoms, hypothermia symptoms, and understand the various treatment protocols**

**Understand Frostbite, including treatment protocols**

**Understand the definition of Thermal Gradient, Thermogenesis, Thermoregulation, and Thermolysis**

**Which portion of the brain controls temperature regulation?**

**Understand the Basal metabolic rate, Exertional metabolic rate**

**Understand the definitions of Convection, Conduction, Radiation, Evaporation, Respiration.**

**Lowest body temperature regarding resuscitation, and hypothermia**

**Understand what occurs when bypassing the colon or urinary bladder, and what is this procedure called.**

**Understand the signs and symptoms of all heat emergencies**

**ECG change in hypothermia and at what temperature is hypothermia.**

**Understand the types of Aneurysms that a paramedic may have to treat**

**\*Understand the definitions and differences between Delirium and Dementia**

**Understand the differences between dry and wet drowning, as well as salt and fresh water physiological effects.**

**Who is more likely to suffer from drowning.**

**How to treat frostbite.**

**Understand the Mammalian Diving reflex**

**Understand the signs and symptoms of a cancer patient**

**Understand and know the treatment protocols for Nitrogen narcosis, the squeeze, decompression illness, descent injuries, ascent injuries, arterial gas embolism, and injuries on the bottom**

**Understand the definition of High Altitude Illness (what altitude), acute mountain sickness, high altitude cerebral edema, and HAPE**

**Understand the various types of mechanical ventilation (PEEP, CPAP, BiPAP ect)**

**Understand what BPD is (hint: respiratory)**

**Know the difference between Cerebral Palsy, Cystic Fibrosis, Multiple Sclerosis, Muscular Dystrophy, Kyphosis, Poliomyelitis, Spinal Bifida, and Myasthenia Gravis.**

**Sypmtoms one might see in a cancer patient.**

**Understand the signs and symptoms of Geriatric abuse.**

**Understand the changes in physiology with geriatric patients.**

**Understand the various signs and symptoms of medical and trauma emergencies in Geriatric patients especially a myocardial infarction.**

**Dealing with culturally diverse patients.**

**Know the issues with Kyphosis in a geriatric patient.**

**Diuretics tend to cause what type of electrolyte imbalance?**

**Test is 46 questions with an additional 8 bonus questions**

**Good Luck!**