



**Note: Answer the (4) of the following quuestion only**

**Q1/ Answer the following qustions (10 Marks)**

**A/Define the following terms (2 only)**

- 1- Pain threshold                      2- Nociceptive pain                      3- Metabolism

**B-/In evaluation phase what you must do after the patient doing the surgery (5 only)**

**Q2/ Point the following sentences with the (True or False ) (10 Marks)**

- 1- Surgery is a minor source of a hospital's income. Surgery is performed to correct an anatomical or physiological defect or to provide therapeutic interventions.
- 2- Hyperalgesia includes no painful stimuli (e.g., light touch, contact with linen, water, or wind) that produce pain.
- 3- when pain lasts only through the expected recovery period, it is described as acute pain, whether it has a sudden or slow onset, regardless of its intensity.
- 4- the scale uses to determine the ranges of pain between mild, moderate and severe is Pain Intensity Scales.
- 5- Water is the most important nutrient. It is more vital to life than is food. Approximately 55% to 65% of an adult's weight is water, and approximately 70% to 75% of an infant's weight is water.
- 6- Minerals are inorganic elements that help regulate body processes and/or serve as structural components of the body, the daily requirements is less than 100 mg/ day.
- 7- Non Essential amino acids must be ingested in the diet because they cannot be synthesized in the body.



8- Carbohydrates are made of the elements carbon, hydrogen, and oxygen. Which is the chief source of energy for all body functions, which is daily requirement is up 250 g/ per day.

9- Emergency surgery is performed when surgical intervention is the preferred treatment for a condition that is not imminently life threatening (but may ultimately threaten life or well-being).

10- Post operative Nursing Diagnosis, depending on the individual client's needs, regarding Ineffective Airway Clearance related to: Anesthesia (diminished cough reflex), increased pulmonary congestion Ineffective Breathing Pattern related to Pain and Decreased energy/fatigue.

**Q3/ Fill in the blanks with the suitable words.**

**(10 Marks)**

1- Before surgery refers to the time interval that begins when ----- until -----.

2- Reaction or response to pain: It is -----.

3- Visceral pain is the pain arising from organs or hollow viscera is often ----- causing the pain.

4- Visceral pain tends to be characterized by -----, -----, -----, or ----- . Often visceral pain is associated with feeling sick.

5- Nutrition, is the process by which the body metabolizes and utilizes nutrients for -----.

6- Fat-soluble vitamins ----- require the presence of fats for their absorption from the GI tract and for cellular metabolism and can be stored for longer periods of time in the body's fatty tissue and the liver.

7- From the functions of carbohydrates are needed to ----- and for -----.



8- Carbohydrates are classified according to the number of saccharides. Polysaccharides (complex sugars) include -----.

9- ----- involves a high degree of risk, for a variety degree of reasons; it may be complicated or prolonged, large losses of blood may occur, such as open heart surgery and removal of kidney.

10- Post operative Neurologic Status assessment include:-----, -----, -----, -----.

**Q4/ Answer the following (10 Marks)**

**A-/ How you can Diary of the Pain**

**B-/ Mention the Nursing Diagnosis of pain**

**Q5/ Answer (2) of the following questions (10 Marks)**

**A-/ Enumerate the primary function of protein in the diet.**

**B-/How can you assess the Fluid and Metabolic Status Post-operative Phase:**

**C-/Assessment of the individual Nutritional Status focuses on the intake and utilization of food and fluid. What you assess regarding 1-Nutritional history, 2-Physical examination**

**Lecturer :**

/ / 2017

**Head of the Dep.**

/ / 2017