

Answer the (4) Question only (Form 3)

Q1/ (10 Mark)

A-/ Define (two) of the following

1- Hypertension 2- Hypothermia 3- Subcutaneous Injection

B-/ Remodeling or Maturation Phase is from Phases of wound healing explain it.

Q2 / Fill in the following blanks

- 1- intact skin acts as a ----- against the entry of -----.
- 2- Diastolic pressure known as-----of the heart pump (ventricles).
- 3- Pulse quality refers to the “feel” of the pulse, its ----- and -----.
- 4- Temperature when measured by axillary we should add 0.5°C to the actual reading, because there are ----- around this area.
- 5- Bruise wound (contusion), Results from damage to the ----- and -----.
- 6- In mental status, ----- or ----- patients have diminished self-care abilities and increase the probability of skin break down.
- 7- Prolonged antibiotic use, with development of resistant strains of bacteria, may increase the risk of -----.
- 8- -----Is the rout by which injections are used to instill medications into body tissues.
- 9- -----is an indirect measurement of cardiac output obtained by counting the number of apical or peripheral pulse waves.

10- Unintentional wounds, are ----- and are often the result of ----- These wounds are created in an ----- environment and therefore pose a greater risk of infection.

Q3/ Point the following with True or false:

1- Apnea refers to difficulty in breathing as observed by labored or forced respirations through the use of accessory muscles in the chest and neck to breathe.

2- A pulse pressure lower than 40 mm Hg may mean a patient have poor heart function.

3- Puncture wound, results when the skin is scraped or rubbed by a sharp object such as a pencil, nail, or bullet.

4- Avulsion wound, means cut, or incision is caused by sharp objects such as knives or glass or from trauma due to a strike from a blunt object that opens the skin.

5- Decreased arterial oxygen tension alters the synthesis of collagen and the formation of epithelial cells, causing wounds to heal more slowly.

6- Absorption of rectally administered drugs is generally somewhat slower than by the oral route.

7- Stimulation of the sympathetic nervous system as a result of Stress, increases cardiac output and vasoconstriction of the arterioles, thus increasing the blood pressure reading.

8- Systemic infection, are limited to a defined area or single organ with symptoms that resemble inflammation (redness, tenderness, and swelling).

9- Topical administration means the Certain drugs can be placed on the skin, where they are slowly absorbed into the capillary network underneath the skin.

10- In nasal route Medications that instilled for shrink swollen mucous membranes, loosen secretion and facilitate drainage or to treat infection of sinuses.

Q4/ Answer (A or B) (10 Mark)

A-/

Enumerate the Principle of prevention needles–stick injury (only 5).

B-/ Enumerate the Factors increasing susceptibility to infection:

Q5/ Answer (two) of the following (10 Mark)

A-/ write the about the assessment criteria of Femoral and Popliteal pulse point

B-/ All orders should be written clearly and legibly, and the drug order should contain seven parts how do it.

C-/ Advantage of (SC)injection

Good Luck