

***Q1/ answer either A or B (8M)***

- A/ Layla was 25 years old she had came to hospital complain from , headache, nausea, vomiting, dizziness, during assessment her blood pressure was 100/50 mm Hg, according to the finding which type of fluid she need? define it? give examples for such fluid?
- B/ Ali was 18 years old he had an road accident, he was hospitalized complain from many wounds with bleeding which type of wound you suspect he had? Mention type of wound healing? Explain each one?

***Q2/ define (8) of the following? (8M)***

- 1- Intravenous fluid 2- Colloid solutions 3- Isotonic
- 4- Crystalloid solutions 5- Hypertonic solutions 6- Clean traumatic wound
- 7- Chronic wound 8- Granulation healing 9- Primary suture line

***Q3 / Answer two of the following? (8M)***

- A/ Enumerate wound complication?
- B/ Describe the contaminated wound?
- C/ Explain why is safer injection is important?

***Q4/ Fill in the blank the suitable response for 8 of the following (8M)***

- 1- Needle gauges range as larger and smaller from-----to-----.
- 2- Potential infection rate for dirty/ infected wound was -----
- 3- Routes of administration drugs in 90 degree called-----, where as in 45 degree angle----- and in 10- 15 degree called-----.
- 4- Intentional (surgical ) wound divided to two types called -----and -----
- 5- Needle parts consist of -----and -----.
- 6- There are two types of Interrupted suture -----and -----
- 7- To assess solution you should be sure about-----, -----, ----- and -----.
- 8- Three layer dressing consist of ----- and -----.
- 9- Factors affecting wound healing, physical condition of the patient was -----,-----,-----,

***Q5/ Choose the correct answer from the fallowing items? (8 m)***

- 1- To do surgen's knot you should do
  - a- Right over right then tighten
  - b- Left over left then repeat left over right then tighten
  - c- Right over left then repeat Right over left then tighten
  - d- Right over left left over right then tighten
- 2- During first intention healing occuers
  - a- From bottom to up
  - b- From up to bottom
  - c- From side to side
  - d- All of the above
- 3- Defintion of chronic wound was
  - a- Acute inflammatory wound that contain organisms
  - b- Wound that fails to heal over an extended period of time
  - c- Skin dirupted that had no loss destruction of tissue
  - d- Not of the above
- 4- The Potential infection rate 8-11% was for
  - a- Dirty wound
  - b- Clean wound
  - c- Contaminated wound
  - d- Clean- Contaminated wound
- 5- Type of wound healing was
  - a- Granulation
  - b- Primary union
  - c- Delayed primary closure
  - d- All the above

- 6- Example for hypertonic crystalloid solutions
  - a- Na Cl 0,9%
  - b- GS 10 %
  - c- GW 5 %
  - d- Non of the above
- 7- The maximum volumes that you could use for an adult IM injection
  - a- No less than 10 ml
  - b- No more than 4 ml
  - c- No less than 1 ml
  - d- No more than 8 ml
- 8- The solution that have tonicity equal to body plasma called
  - a- Isotonic
  - b- Hypotonic
  - c- Hypertonic
  - d- colloids