

Note : Answer 8 only .

Q 1// Fill in the blanks. (5 degree)

1. _____ is the restoration of the continuity of the structure by the biological processes which include cell regeneration, cell proliferation, and collagen production.
2. _____ is synthesized by the fibroblasts from hydroxyproline and hydroxyllysine beginning on about the 4th or 5th day.
3. Chalone a water soluble, heat labile substance, seen to require epinephrine to be effective. It is normally present in the epidermis and seems to _____.
4. X-ray
_____.
5. Rapid _____ and slow thawing is maximized the cells distraction.
6. Some crystals, such as _____, _____ sulphate when exposed to x-ray beam produce visible light due to photoelectric effect.
7. _____ is the x-ray which is getting out directly from x-ray window and consist both of short and long wave.
8. Absorption of laser represents conversion of laser irradiation in to heat resulting in _____.
9. _____ Affect the quantity of x-ray (amount of x-ray) also controlled the length of exposure.
10. The best time of X-ray exposure is _____ .

Q 2 // Define and explain (Xylazine). (5 degree)

Q 3 // Numerate the types of lameness in both limbs and explain one . (5 degree)

Q 4 // Define and explain (Lidocaine , Adrenaline). (5 degree)

Q 5 // Define and Classification of fracture according to degree of damage. (5 degree)

Q 6 // numerate and explain the affections of joints. (5 degree)

Q 7 // Explain the methods of arresting hemorrhage. (5 degree)

Q 8 //: Answer by (✓) or (✗) of the following sentences and put line under false words with correction. (5 degree)

Cryosurgery Often not need general anesthesia

1. The wound healing events occur in an orderly fashion, beginning with wounding and continue for several minutes.
2. Two views should be taken in case of skeletal system each view with a right angle to another, and both upper and lower joint should be included.
3. type III collagen is less accessible to tissue collagenase
4. Extracellular ice crystals. Is causes dehydration of the cellular environment, resulting in lethal electrolyte concentration and pH shifts.
5. Long exposure time of wound to environment will enhance healing
6. If serum protein concentration is below 2gm/100mL wound healing is inhibited.
7. Oxygen is required for normal wound healing, to cellular respiration.
8. Sialography mean the contrast radiography of alimentary tract.
9. Short wave x-ray have high penetration ability.

Q 9 // Explain the methods of arresting hemorrhage. (10 degree)

Good Luck

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