

Anaesthesiology

1) Which of the statement about the Na content of the following fluids is not true-:

- A) 0.9% NS has 154 mEq/L Na
 - B) 0.45% NS has 77 mEq/L Na
 - C) Lactated Ringers has 130 mEq/L Na
 - D) Mannitol has 100 mEq/L Na
-

2) Carboxyhemoglobin conc. can decrease if smoking is stopped atleast for-:

- A) More than 6 weeks
 - B) More than 4 weeks
 - C) More than 12 hours
 - D) More than 6 months
-

3) Ideal tidal Volume during lung isolation for pneumonectomy is-:

- A) 8-10 ml/kg
 - B) 5-6 ml/kg
 - C) 1-2 ml/kg
 - D) 7-8 ml/kg
-

4) Right coronary artery gives rise to the post descending artery (Right dominant system) in

- A) 50% of the population
 - B) 85% of the population
 - C) Less than 10% of the population
 - D) 1% of the population
-

5) Which of the following is least acceptable Inhalational agent for Induction in Children.

- A) Isoflurane
 - B) Halothane
 - C) Sevoflurane
 - D) Desflurane
-

6) During Anaesthetic management of mitral stenosis patient -:

- 1) Avoid tachycardia (maintain sinus rhythm).
- 2) Avoid Hypovolaemia (adequate Intravascular volume should be maintained).
- 3) Systemic Vasodilatation should be preferred.
- 4) Avoid Hypercarbia.

Select the correct answer using the codes given below -:

- A) 1, 2 ad 3
 - B) 3 only
 - C) 1 and 2
 - D) 1, 2 and 4
-

7) Nor Epinephrine acts on -:

- A) α_1 receptors, $\alpha_2 > \alpha_1$ receptors
 - B) α_1 receptors, $\alpha_1 > \alpha_2$ receptors
 - C) Only α_1 receptors
 - D) α_1 & α_2 receptors
-

8) The most important monitoring during laproscopic Cholecystectomy is -:

- A) Invasive B.P
- B) Temperature monitoring
- C) Capnography
- D) Neuromuscular monitoring

9) Stiff joint syndrome is important consideration for Anaesthetic management of a patient of -:

- A) Diabetes
 - B) Thyroid
 - C) COPD
 - D) Liver Disease
-

10) Duration of analgesia with single dose neuraxial Fentanyl and Morphine is -

- A) Fentanyl - 2-4 hrs, Morphine - 6-24 hrs
 - B) Fentanyl - 6-24 hrs, Morphine - 2-4 hrs
 - C) Fentanyl - 1-2 hrs, Morphine - 10-22 hrs
 - D) Fentanyl - 18-24 hrs, Morphine - 24-48 hrs
-

11) For Microcuff tracheal tube for children, which of the following statements are true -:

- 1) There is less potential space for edema formation in the subglottic region
- 2) More even pressure is applied to the mucosa & the trachea.
- 3) There is reduced risk for ventilator associated pneumonia.
- 4) The cuff is located more proximally than standard tracheal tubes.

Select the correct answer using the codes given below -:

- A) 1, 2 and 4
 - B) 2 and 3
 - C) 1 and 4
 - D) 1, 2 and 3
-

12) Absolute Contraindication for Extra Corporeal shock wave lithotripsy for urinary stones is -:

- A) Patients with pacemakers
 - B) Orthopedic prosthesis
 - C) Pregnancy
 - D) Obesity
-

13) All of these may increase Hepatic encephalopathy except -:

- A) Hypokalemia
 - B) Propofol
 - C) Benzodiazepines
 - D) Systemic alkalemia
-

14) In Liver transplant surgery as the Reperfusion of the graft starts through Portal Vein, there is an increase in -:

- 1. Potassium
- 2. Hydrogen ion
- 3. SVR & B.P
- 4. Preload

Select the correct answer using the codes given below -:

- A) 1, 2 and 4
- B) 2, 3 and 4
- C) 1, 2 and 3
- D) 3 Only

15) Which of the following are signs of bladder perforation during TURP -:

1. Bradycardia
2. Shoulder pain
3. Diaphoresis
4. Visual disturbances

Select the correct answer using the codes given below -:

- A) 1, 3 and 4
 - B) 2 and 3
 - C) 1, 2 and 3
 - D) 1 and 4
-

16) During One lung ventilation, for encouraging the pulmonary blood flow the Ventilated lung should be kept -:

- A) More than FRC
 - B) Less than FRC
 - C) Initially more than FRC for 10 mts than lower than FRC
 - D) At its normal FRC
-

17) The majority of patients who desaturate during OLV (One lung ventilation), do so -:

- A) Within the first 10 minutes
 - B) After 30 minutes
 - C) After 1 hrs
 - D) Within 2 minutes
-

18) The Extracorporeal Cardiopulmonary bypass activate -:

- A) Intrinsic coagulation pathway
 - B) Extrinsic coagulation pathway
 - C) Both Intrinsic & Extrinsic coagulation pathway and directly impairs platelet function
 - D) Intrinsic & Extrinsic coagulation pathway but does not impairs platelet function directly
-

19) Sugammadex is a -:

- A) Muscle relaxant
 - B) Cyclodextrin to antagonize effect of steroidal muscle relaxants
 - C) Respiratory stimulant
 - D) Reverses effect of Succinylcholine in resistant cases
-

20) In Depolarizing block, TOF (Train of four) ratio -:

- A) Is 100%
 - B) Is 90%
 - C) Is 80%
 - D) Fades
-

21) The Chest Compression depth during CPR & the rate of Compression respectively should be -:

- A) At least 2-2.5 inches & 100-120/mt
 - B) At least 1.5 inches & 90/mt
 - C) At least 1 inches & 72/mt
 - D) At least 3.5 inches & 120/mt
-

22) If during Adult Tachyarrhythmia with regular narrow QRS complexes, rate >150/min, the dose of Adenosine & energy for cardio version is

- A) Adenosine first dose 6 mg, if required Second dose 12 mg, Cardio version with 120
 - B) First dose adenosine 6 mg rapid IV push, if required Second dose 12 mg, Cardio version with 50
 - C) Adenosine first dose 3 mg, if required Second dose 6 mg, Cardio version with 25
 - D) Adenosine first dose 12 mg, if required Second dose 24 mg, Cardio version with 120
-

23) Which of the following is not a component of Child-Turcott-Pugh scoring system -:

- A) Albumin level
- B) Bilirubin level
- C) Potassium level
- D) Ascites

24) Which of the following are features of TURP syndrome -:

1. Hyponatremia
2. Hyposmolality
3. Hypernatremia
4. Hyperammonemia

Select the correct answer using the codes given below -:

- A) 1, 3 and 4
 - B) 2 and 3
 - C) 2, 3 and 4
 - D) 1, 2 and 4
-

25) Volatile anaesthetic of Choice for Bariatric surgery is -:

- A) Desflurane
 - B) Sevoflurane
 - C) Isoflurane
 - D) Halothane
-

26) In obese patients with BMI of more than 35kg/m^2 , doses of which of the following drug should be determined on the basis of Ideal body weight -:

- A) Succinylcholine
 - B) Midazolam
 - C) Vecuronium
 - D) Fentanyl
-

27) Which one of the following decreases in a pregnant patient -:

- A) Minute Ventilation
 - B) Tidal Vol
 - C) Resp. Rate
 - D) FRC
-

28) During magnesium sulfate therapy for eclampsia, the goal is to achieve the level of magnesium in blood is in the range of -:

- A) 1 - 1.5 mEq/L
 - B) 2 - 3.5 mEq/L
 - C) 3.5 - 4.5 mEq/l
 - D) 4.5 - 5 mEq/L
-

29) Glycosylated Hemoglobin(HbA_{1c}) reflects mean blood glucose concentration over approximately -:

- A) 60 days
 - B) 30 days
 - C) 6 months
 - D) 1 year
-

30) The most dangerous nerve injury after subtotal thyroidectomy is -:

- A) Injury to the abductor fibres & the recurrent laryngeal nerves unilaterally
 - B) Injury to the abductor fibres bilaterally
 - C) Injury to adductor fibres unilaterally
 - D) Injury to adductor fibres bilaterally
-

31) Which of the following is true about Pin index system -:

- A) Pins are 6 mm in diameter
- B) All pins are of same thickness
- C) Pins located on circle of 9/16 inch diameter
- D) Pins present on cylinder fits in hole in Yoke

32) Which of the following are features of Myasthenia gravis in a patient -:

- 1) There is weakness of legs more than arms
- 2) Exercise improves strength
- 3) There is poor response to anticholinesterase
- 4) There is extraocular, bulbar & facial muscle weakness

Select the correct answer using the codes given below -:

- A) 1, 2 and 3
 - B) 2, 3 and 4
 - C) 4 only
 - D) 1 and 2
-

33) Treatment strategies for increased Intracranial pressure in TBI (Traumatic brain injury) are all except -:

- A) Moderate head up position
 - B) Osmo therapy
 - C) Hypothermia
 - D) Steroids
-

34) Elimination Half-life for Fentanyl is -:

- A) 3.1 – 6.6 hrs
 - B) 1.7 – 3.3 hrs
 - C) 1.4 – 1.5 hrs
 - D) 0.17 – 0.33 hrs
-

35) Filling density is

- A) Ratio of weight of gas in cylinder to the weight of water that cylinder could hold
 - B) Volume of cylinder occupied by liquid phase of gas
 - C) Molecular density of cylinder material
 - D) Ratio of liquid phase to gas phase in cylinder
-

36) For Neuraxial analgesia for labour pain, adequate analgesia is achieved during the first stage, if the blockade is up to -:

- A) T₁₀ to L₁
 - B) T₁₀ to S₄
 - C) L₁ to S₄
 - D) T₄ to L₁
-

37) All of the following are present on permanent marking of cylinder, except -:

- A) Specification Number
 - B) Service pressure at 70°F
 - C) Name of Contained gas
 - D) Manufacturer Name
-

38) What are the effects of intermittent back pressure on Vaporizer output -:

- A) Pumping effect decreases and pressurizing effect increases vaporizer output
 - B) Both Pumping and Pressurizing effect increases vaporizer output
 - C) No effect of back pressure on vaporizer output
 - D) Pumping effect increases & pressurizing effect decreases vaporizer output
-

39) All of the following are positive predictions of survival after sudden cardiac arrest except -:

- A) Witnessed cardiac arrest
 - B) Initiation of CPR by by-stander
 - C) Initial rhythm of Ventricular Tachycardia (VT) or Ventricular Fibrillation
 - D) Chronic diabetes mellitus
-

40) Most common type of Latex allergic reaction is -:

- A) Type III
- B) Type IV
- C) Type II
- D) Type I

41) Vapour pressure of sevoflurane is -:

- A) 243 torr at 20⁰c
 - B) 669 torr at 20⁰c
 - C) 157 torr at 20⁰c
 - D) 278 torr at 20⁰c
-

42) Use of Rib guide in flow meter is -:

- A) Keep the indicator in center
 - B) Does not allow ball indicator to rotate
 - C) Prevent the indicator from plugging the outlet
 - D) Provide calibration to flow meter tube
-

43) With ball indicator in flow meter reading is taken at -:

- A) Lower convex margin ball
 - B) Upper margin of ball
 - C) At slanted grooves
 - D) Midpoint of ball
-

44) Phase IV in capnograph indicates-:

- A) Later part of inspiration
 - B) Inhalation of Fresh gas
 - C) Alveolar plateau
 - D) Emptying of Alveoli
-

45) Rotameter flow meters calibrated at 1 ATA will indicate -:

- A) Falsely high values at increased ambient pressure (4 ATA)
 - B) Falsely low values at increased ambient pressure (4 ATA)
 - C) No change in values
 - D) Will show no change in value till 4 ATA but will show false low values above 4 ATA
-

46) Decreased ETCO₂ is present in following conditions -:

- 1) Impaired Peripheral circulation
- 2) Increased Patient dead space
- 3) On Release of tourniquet
- 4) Pulmonary embolus

Select the correct answer using the codes given below -:

- A) 2, 3 and 4
 - B) 1, 2 and 3
 - C) 1, 2 and 4
 - D) 1 only
-

47) A Leak in gas sampling line produces on capnograph -:

- A) Biphasic expiratory plateau
 - B) Irregular plateau
 - C) Elevated baseline with normal waveform
 - D) Long plateau with up swinging at phase III
-

48) Which of the following is not true about Neuro muscular monitoring -:

- A) Fade is present in Non depolarizing block
 - B) Waveform is Biphasic
 - C) Facial nerve should not be used to assess recovery from neuromuscular blockade
 - D) In Double Burst Stimulation two burst of 50 Hz are separated by 750 ms
-

49) When longer version of Bains system is used in remote anaesthesia such as in MRI unit, following happens, except -:

- A) Reduction in PEEP
- B) Increase in static compliance
- C) Reduction in Peak inspiratory pressure
- D) Reduction in tidal volume with same ventilator settings

50) Hazards of fluid warming to the patient are -:

- 1) Infection
- 2) Hemolysis
- 3) Air embolism
- 4) False decrease in BIS

Select the correct answer using the codes given below -:

- A) 1, 2 and 4
 - B) 1, 3 and 4
 - C) 4 only
 - D) 1, 2 and 3
-

51) Curare cleft is seen in -:

- A) Capnograph
 - B) Plethysmograph
 - C) Electro myograph
 - D) Invasive blood pressure tracing
-

52) Most common dysrhythmia 2-5 days after cardiac surgery is:-

- A) Heart block
 - B) Ventricular fibrillation
 - C) Atrial fibrillation
 - D) Ventricular ectopics
-

53) Deep Hypothermic circulatory Arrest involves reducing the patients core temperature to -:

- A) Less than 15⁰c
 - B) 15⁰c - 22⁰c
 - C) 22⁰c - 25⁰c
 - D) 25⁰c - 28⁰c
-

54) Which of the following manifestations is not a feature of Diabetic Autonomic Neuropathy -:

- A) Resting Tachycardia
 - B) Absent beat to beat variation in heart rate with deep breathing
 - C) Orthostatic Hypotension
 - D) Resting Bradycardia
-

55) Post operative Complications after correction of coarctation of aorta can be -:

- 1) Paradoxical Hypertension
- 2) Claudication
- 3) Paraplegia
- 4) Abdominal pain

Select the correct answer using the codes given below -:

- A) 1, 3 and 4
 - B) 2, 3 and 4
 - C) 2 only
 - D) 1 only
-

56) Hemodynamic compromise following protamine during cardiac surgery, if protamine reaction occurs is characterized by:-

- A) In Pulmonary arterial pressure and in systemic pressure
- B) In Pulmonary arterial pressure but no change in systemic pressure
- C) No change in systemic arterial pressure but in Pulmonary arterial pressure
- D) In Pulmonary arterial & systemic pressure

57) Airway Obstruction that occurs soon after tracheal extubation despite normal vocal cord function after thyroidectomy suggest the diagnosis of -:

- A) Paralysis of abductor fibres & Recurrent laryngeal nerve
 - B) Tracheal compression by a hematoma
 - C) Tracheomalacia
 - D) Paralysis of adductor fibres & Recurrent laryngeal nerve
-

58) Which of the following does not fit in the criteria of precautions to be taken during a laser surgery -:

- A) Using water soaked sponges around the tube at the site of the work and at the glottis
 - B) Cuff should be filled with saline
 - C) Flexometallic tubes should be used
 - D) Proper fitting tubes with no leak should be used
-

59) Modified Aldrete score is for assessing -:

- A) Patient to be fit for Ambulatory surgery
 - B) Recovery after anaesthesia to transfer patient from phase 1 recovery unit
 - C) Assessing difficult airway
 - D) Patient to be fit for liver transplant
-

60) All of the following can be the effects of HBOT (Hyperbaric oxygen therapy) on the eye except -:

- A) Narrowing of visual fields
 - B) Change in the refractive index & the lens
 - C) Myopia
 - D) Conjunctivitis
-

61) In case of congenital diaphragmatic hernia surgery all are true except -:

- A) Positive- pressure Ventilation by mask should be avoided
 - B) Preferably awake tracheal Intubation should be done
 - C) After tracheal Intubation, positive airway pressure during mechanical Ventilation of the lung should not exceed 25-30 cm H₂O
 - D) After tracheal Intubation, positive airway pressure during mechanical Ventilation of the lung should exceed 30 cm H₂O
-

62) In a Tracheo-oesophageal fistula repair surgery in a neonate, Endotracheal tube placement should be -:

- A) Above the carina but below the tracheo-esophageal fistula
 - B) Below the carina in Right bronchus
 - C) Below the carina in left bronchus
 - D) Above the tracheo-esophageal fistula
-

63) The dose of Dantrolene for the Treatment of Malignant Hyperthermia is -:

- A) 5-6 mg/kg
 - B) 2-3 mg/kg
 - C) 8-10 mg/kg
 - D) 10-12 mg/kg
-

64) The most important mechanism for the increase in alveolar-arterial gradient for oxygen observed in geriatric patient is due to -:

- A) Decrease in Total lung capacity
 - B) Closing capacity increases more than FRC
 - C) Decrease in Residual Volume
 - D) Decrease in Vital Capacity
-

65) Which of the following can be used for pain relief after a cleft-lip -:

- A) Lesser palatine nerve block
- B) Greater palatine nerve block
- C) Nasopalatine nerve block
- D) Infraorbital nerve block

66) Goals for early Resuscitation in a Trauma patient are -:

- 1) Maintain systolic blood pressure of 80-100 mm Hg
- 2) Maintain Hematocrit of 25%- 30%
- 3) Maintain core temp lower than 35⁰c
- 4) Maintain PT <= 14 sec

Select the correct answer using the codes given below Codes-:

- A) 1 ,2 and 4
 - B) 2 ,3 and 4
 - C) 1 ,2 and 3
 - D) 1 and 2
-

67) Gas cylinder used in MRI (Magnetic resonance imaging) set up is made up of -:

- A) Molybdenum
 - B) Titanium
 - C) Aluminium
 - D) Armoured Steel
-

68) Liquid crystal is -:

- A) A Oxygen concentrator
 - B) A Temperature monitor
 - C) A Gas monitor
 - D) Used in Pulse oxymetry
-

69) Disadvantages of Hypothermia are -:

- 1) Inhibits Platelet function
- 2) Increased symphathetic activity
- 3) Hypervolumia
- 4) Delayed recovery

Select the correct answer using the codes given below -:

- A) 1 ,2 and 4
 - B) 2 ,3 and 4
 - C) 1 and 3
 - D) 4 only
-

70) What among these is used in Plasma sterilizer -:

- A) Temperature more than 60⁰c
 - B) Moist environment
 - C) radiation
 - D) Hydrogen peroxide
-

71) Which of the following statement is true about Heat moisture exchange (HME) filter -:

- A) Hydrophobic Heat Moisture Exchange filter is more efficient in Temperature & moisture conservation than Hygroscopic filter
 - B) Hygroscopic HME filter is better bacterial and viral filter
 - C) Hygroscopic HME filter is more resistant in wet condition
 - D) Hydrophobic HME performance does not impair by high ambient temperature
-

72) Most common location of Reservoir bag in classic circle system is -:

- A) Just upstream to inspiratory unidirectional valve
- B) Between inspiratory unidirectional valve and absorber
- C) Between expiratory unidirectional valve and absorber
- D) Between inspiratory unidirectional valve and Y-Piece

73) Most frequently reported malfunction in medical gas pipeline system -:

- A) Cross Connection
 - B) Excessive pressure
 - C) Alarm Dysfunction
 - D) Inadequate pressure
-

74) Mixed venous oxygen saturation increases in -:

- A) Anaemia
 - B) Sepsis
 - C) Seizures
 - D) Low Cardiac output
-

75) Increase in Airflow resistance of patient ventilator system display on waveform as -:

- A) Shifting of P – V slope & loop towards pressure axis
 - B) Bowing of P – V loop
 - C) Shifting of P – V slope & loop towards volume axis
 - D) Increase in Plateau pressure
-

76) Ventilatory mode with continuous Positive airway pressure at two distinct pressure level is known as -:

- A) Pressure support ventilation
 - B) Pressure control ventilation
 - C) Pressure regulated volume control
 - D) Airway pressure release ventilation
-

77) When a ventilator delivers a mechanical breath in response to patients effort it is called -:

- A) Time triggered
 - B) Pressure or Flow triggered
 - C) Volume triggered
 - D) Intermittent breath
-

78) EPAP (Expiratory Peak airway Pressure) & IPAP (Inspiratory Peak airway pressure) in initial Non invasive ventilation setting are -:

- A) 2 and 6 cm H₂O respectively
 - B) 5 and 10 cm H₂O respectively
 - C) 4 and 8 cm H₂O respectively
 - D) 3 and 8 cm H₂O respectively
-

79) IRV(Inverse ratio ventilation) reduces intrapulmonary shunting & improvement in oxygenation by -:

- A) Increase in Peak inspiratory pressure
 - B) Increase in Dead space ventilation & Auto PEEP
 - C) Increase in Mean airway pressure & Auto PEEP
 - D) Increase in Peak expiratory pressure
-

80) Strategies in Refractory ARDS are -:

- 1) Plateau pressure more than 35 cm H₂O
- 2) Prone position ventilation
- 3) Permissive Hypercapnia
- 4) High PEEP with low tidal volume

Select the correct answer using the codes given below -:

- A) 2 , 3 and 4
 - B) 1 ,3 and 4
 - C) 1 , 2 and 4
 - D) 1 only
-

81) PaO₂/ FiO₂ ratio of less than or equal to 200 mm Hg is characteristic of -:

- A) VAP
- B) ARDS
- C) ALI
- D) Hypoxic ischemic encephalopathy

82) Which of the following statement is true regarding pulse oximetry -:

- A) Reflectance oximetry relies on light that is back scattered
 - B) Oxyhemoglobin absorbs more light in red band of light
 - C) Fractional oxygen saturation is ratio of oxyhemoglobin to all functional Hemoglobin species
 - D) Reduced Hemoglobin absorb more light in infrared band
-

83) Decrease in PaCO₂ causes all except -:

- A) Decrease cerebral Metabolism
 - B) Decrease cerebral blood flow
 - C) Cerebral vasoconstriction
 - D) Increase in cerebral tissue Lactate concentration
-

84) Which of the following occurs in venous air embolism -:

- 1) Increase in ETCO₂
- 2) Mill wheel murmur
- 3) PA catheter can recognize Paradoxical VAE
- 4) CVC in SVC can aspirate more air than in right atrium

Select the correct answer using the codes given below -:

- A) 1 , 2 and 3
 - B) 2, 3 and 4
 - C) 3 only
 - D) 1 and 2
-

85) Oxygen flush -:

- A) Generates flow rate 35 to 75 lit/min
 - B) Gets supply from flow water
 - C) Self opening device
 - D) Low pressure system
-

86) Vital capacity equals to -:

- A) IRV
 - B) IRV + TV + ERV
 - C) IRV + ERV
 - D) IRV + TV
-

87) Pressure on the globe or any orbital contents can result in oculocardiac reflex with all the signs mentioned below except -:

- A) Bradycardia
 - B) Laryngospasm
 - C) Atrio ventricular Block
 - D) Asystole
-

88) Which of the following is not a modality for assessment of systemic Perfusion -:

- A) Urine Output
 - B) Lactate clearance
 - C) Mixed Venous Oxygenation
 - D) End tidal CO₂
-

89) D-Dimer level increases in all of the following except -:

- A) End stage liver failure
 - B) DIC
 - C) Hyperfibrinolysis
 - D) Thrombocytopenic Purpura
-

90) All of these are agonist-antagonist Opioid compound except -:

- A) Meperidine
- B) Pantazocine
- C) Butorphanol
- D) Buprenorphine

91) The features of propofol infusion syndrome are -:

- 1) Refractory bradycardia
- 2) Metabolic acidosis
- 3) Hyperlipidemia
- 4) Metabolic alkalosis

Select the correct answer using the codes given below -:

- A) 4 only
 - B) 1 and 3 only
 - C) 2 only
 - D) 1 , 2 and 3
-

92) Etomidate is -:

- A) Phenol derivative
 - B) Imidazole derivative
 - C) Amide derivative
 - D) Phencllyedine derivative
-

93) All of following are vitamin K dependent protein except -:

- A) Factor VII
 - B) Factor IX
 - C) Protein C and S
 - D) Factor III
-

94) Potency of a drug describes -:

- A) Effectiveness once it occupies receptors
 - B) Amount of drug required to elicit its effects
 - C) Concentration range in which drug effect occurs
 - D) Lethal dose of a drug
-

95) Which of the following is not a method of sleep evaluation -:

- 1) Actigraphy
- 2) Polysomnography
- 3) Plethysmography
- 4) Polygraphy

Select the correct answer using the codes given below -:

- A) 1 and 3
 - B) 2 and 4
 - C) 3 only
 - D) 1 , 2 and 4
-

96) Which is the most common nerve injury following spinal anaesthesia -:

- A) Lumbosacral nerve root or cord
 - B) Spinal cord injury
 - C) Sciatic nerve injury
 - D) Femoral nerve injury
-

97) All of the following are absolute contraindication to neuraxial block except -:

- A) Patients inability to maintain stillness during needle puncture
- B) Raised intracranial pressure
- C) Spina bifida
- D) Patient refusal

98) Complication of Intercostal nerve block is -:

- 1) Pneumothorax
- 2) Horner syndrome
- 3) Phrenic nerve block
- 4) Plural Effusion

Select the correct answer using the codes given below -:

- A) 2 and 3
 - B) 1 only
 - C) 1 and 3
 - D) 2 , 3 and 4
-

99) Osmolarity of ringer lactate is -:

- A) 273 mOsm/L
 - B) 308 mOsm/L
 - C) 250 mOsm/L
 - D) 295 mOsm/L
-

100) Which of the following change occurs in Properties of whole blood after 35 day storage in CPDA-1

- A) pH increases
- B) Plasma K^+ decreases
- C) Plasma Hemoglobin increases
- D) Plasma Na^+ decreases