AUI

PROVISIONAL ANSWER KEY

Name of the post Anaesthetist, Class-1, (Employees State Insurance Scheme)

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Instructions / સૂચના

Candidate must ensure compliance to the instructions mentioned below, else objections shall not be considered: -

- (1) All the suggestion should be submitted through **ONLINE OBJECTION SUBMISSION SYSTEM** only. Physical submission of suggestions will not be considered.
- (2) Question wise suggestion to be submitted in the prescribed format (proforma) published on the website / online objection submission system.
- (3) All suggestions are to be submitted with reference to the Master Question Paper with provisional answer key (Master Question Paper), published herewith on the website / online objection submission system. Objections should be sent referring to the Question, Question No. & options of the Master Question Paper.
- (4) Suggestions regarding question nos. and options other than provisional answer key (Master Question Paper) shall not be considered.
- (5) Objections and answers suggested by the candidate should be in compliance with the responses given by him in his answer sheet. Objections shall not be considered, in case, if responses given in the answer sheet /response sheet and submitted suggestions are differed.
- (6) Objection for each question should be made on separate sheet. Objection for more than one question in single sheet shall not be considered.

ઉમેદવારે નીચેની સુચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સુચન અંગે કરેલ રજુઆતો ધ્યાને લેવાશે નફીં

- (1) ઉમેદવારે વાંધાં-સૂચનો ફક્ત **ઓનલાઈન ઓબ્જેક્શન સબમીશન** સીસ્ટમ દ્વારા જ સબમીટ કરવાના રફેશે. રૂબરૂ અથવા ટપાલ દ્વારા આયોગની કચેરીએ મોકલવા આવેલ વાંધા-સૂચનો ધ્યાને લેવામા આવશે નફીં જેની ખાસ નોંધ લેવી.
- (2) ઉમેદવારે વાંધા-સૂચનો રજૂ કરવા વેબસાઈટ / ઓનલાઈન ઓબ્જેક્શન સબમીશન સીસ્ટમ પર પ્રસિધ્ધ થયેલ નિયત નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપપુસ્તિકામાં છપાચેલ પ્રશ્નકમાક મુજબ વાંધા-સૂચનો રજૂન કરતા તમામ વાંધા-સૂચનો વેબસાઈટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન કમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નફીં.
- (5) ઉમેદવારે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવફીમાં આપેલ ફોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવફીનો જવાબ ભિન્ન ફશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચનો ધ્યાનમા લેવાશે નફીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચનો પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ ફશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નફીં.

001.	cervical spine injury		
	(A) Head tilt, Chin lift	(B) Jaw thrust	
	(C) Abdominal thrust	(D) Finger sweep	
002.	In preventing and controlling the transmis	nission of infections, the single most important technique	
	(A) hand hygiene	(B) use of disposable gloves	
	(C) use of isolation precaution	(D) sterilization	
003.	All of the following nerves are blocked	by an ankle block, except	
	(A) Sural	(B) Superficial peroneal	
	(C) Deep peroneal	(D) Anterior tibial	
004.	The most common cause of bronchiectasis is		
	(A) Cigrette smoking	(B) Air pollution	
	(C) Alpha 1 antitrypsin defeciency	(D) Recurrent bronchial infections	
005.	Which of the following is the preferred intravenous agent of induction of anesthesia for maintaining spontaneous breathing and airway tone?		
	(A) Midazolam	(B) Propofol	
	(C) Ketamine	(D) Diazepam	
006.	Postoperative bleeding following tonsill	ectomy occurs most commonly	
	(A) During first 6 hours	(B) 6 - 24 hours after surgery	
	(C) 3 rd postoperative day	(D) 7 th postoperative day	
007.	Hunt and Hess classification is used to prognosticate		
	(A) Head injury	(B) Subarachnoid hemorrhage	
	(C) Stroke	(D) Meningitis	
008.	Which of the following drugs does not pass the placenta		
	(A) Etomidate	(B) Ephedrine	
	(C) Atropine	(D) Glycopyrrolate	
009.	A supraclavicular approach for brachial plexus blockade would deposit local anesthetics at which of the following anatomical levels of the plexus?		
	(A) Branches	(B) Trunks/Divisions	
	(C) Cords	(D) Roots	
010.	Nitrous oxide should be avoided in patients with		
	(A) Subdural hematoma	(B) Brain tumor	
	(C) Closed head injury	(D) Pneumocephalus	
011.	The fastest measure to decrease intracr	anial pressure (ICP) in a patient is	
	(A) Mannitol	(B) Dexamethasone	
	(C) Furosemide	(D) Hyperventilation	
012.	All of the following drugs can be given	through endotracheal tube, except	
	(A) Epinephrine	(B) Lidocaine	
	(C) Atropine	(D) Calcium	

013.	which fluid is hypotonic			
	(A) 5 % Dextrose in water	(B) Normal Saline		
	(C) Ringer lactate	(D) Plasmalyte		
014.	Normal fetal heart rate is			
	(A) 60-100 beats/min	(B) 90-130 beats/min		
	(C) 110-160 beats/min	(D) 150-200 beats/min		
015.	The most common side effect of intraspinal narcotics in the obstetric population is			
	(A) Pruritus	(B) Nausea and Vomiting		
	(C) Respiratory depression	(D) Urinary retention		
016.	A combination of Oxygen 50% and Nitrous	A combination of Oxygen 50% and Nitrous Oxide 50% is called as		
	(A) Xenon	(B) Equanox		
	(C) Ozone	(D) None of the above		
017.	What material is a endotracheal tube made	of		
	(A) Copper	(B) Brass		
	(C) Polyvinylchloride	(D) Tin		
018.	A face mask may be made up of			
	(A) Black rubber	(B) Clear Plastic		
	(C) Elastomeric Material	(D) All of the above		
019.	Which one of the following is not a criteria f	for difficult mask ventilation		
	(A) Lack of teeth	(B) History of snoring		
	(C) History of sleep apnea	(D) Age more than 55 years		
020.	Which of the following size is Not available in classic LMA			
	(A) Size 1	(B) Size 2.5		
	(C) Size 3.5	(D) None of the above		
021.	Concerning neonates during surgical procedures:			
	(A) Hypothermia (less than 35°C) is associated with apnea			
	(B) Elective surgery can be carried out in the first 45 weeks post-conceptual age			
	(C) Transcutaneous oxygen electrodes accurately reflect PaO2			
	(D) None of the above			
022.	Metoclopramide			
	(A) Accelerates gastric emtying	(B) Decreases pre anaesthetic gastric volume		
	(C) Neutralizes acid pH of gastric contents	(D) None of the above		
023.	The bronchoconstriction produced by the parasympathetic irritant reflex may be blocked be each of the following EXCEPT:			
	(A) Local anaesthetics	(B) Inhalational anaesthetics		
	(C) Ketamine	(D) Thiopental		
024.	In an otherwise healthy 20-year old man after an automobile accident, arterial blood gases of room air are PaO2: 100 mmHg, PaCO2: 40 mmHg, and pH: 7.41. Haemoglobin level is 10 gm/d Oxygen content can be increased to normal levels (20 to 21 ml/dl) by increasing:			
	(A) Haemoglobin to 12 gm/dl.	(B) Haemoglobin to 15 gm/dl.		
	(C) FiO2 to 1.0	(D) FiO2 to 0.5		

U25.	hypertrophy. On admission he is cyanotic a	nd plethoric; haematocrit is 51%, PaO2 is 49 mmHg, has a history of heavy smoking, chronic cough, and hig. The most likely diagnosis is:	
	(A) Pan lobular emphysema	(B) Sarcoidosis	
	(C) Goodpasture's syndrome	(D) Chronic Bronchitis	
026.	Pulmonary diffusion capacity is:		
	(A) Measured using carbon monoxide		
	(B) Measured using oxygen		
	(C) Decreased in the presence of interstitial pulmonary edema		
	(D) All of the above		
027.	The tip of an endotracheal tube moves closer to the carina when the:		
	(A) Neck is flexed		
	(B) Patient is placed in the trendelenburg	position	
	(C) Patient is moved from the supine to th	e sitting position	
	(D) All of the above		
028.	Hyperalgesia;		
	(A) Is a part of the triple response in acute injury.		
	(B) Primary hyperalgesia is due to increased sensitivity of $A\beta$ receptors.		
	(C) Allodynia is not mediated by interleukins.		
	(D) Secondary hyperalgesia is seen at the spinal level.		
029.	Which one of the following about NSAIDS is FALSE		
	(A) First line analgesics for acute nociceptive pain.		
	(B) Single dose of these drugs may be effective.		
	(C) Are more effective for somatic nociceptive pain especially involving inflammation.		
	(D) Combination of two NSAIDs gives better results.		
030.	Liposomal bupivicaine:		
	(A) Produces long plasma levels.	(B) Is free of side effects.	
	(C) Can be repeated within 24 h.	(D) Can be given along with Lidocaine	
031.	Which opioid amongst the following is most potent		
	(A) Fentanyl	(B) Morphine	
	(C) Pentazocine	(D) Hydromorhone	
032.	Dibucaine number denotes		
	(A) Percentage of inhibition of pseudocholinesterase activity		
	(B) Percentage of inhibition of anticholinesterase activity		
	(C) Percentage of inhibition of cholinesterase activity		
	(D) Percentage of activation of cholinesterase activity		
033.	Suggamadex is a		
	(A) Gamma cyclodextrin	(B) Sigma cyclodextrin	
	(C) Alpha cyclodextrin	(D) Kappa cyclodextrin	

034.	Ester local anaesthetics are metabolized by		
	(A) Pseudocholinesterase	(B) Microsomal P - 450 enzymes	
	(C) Cholinesterase	(D) Dibucaine	
035.	Relative contraindication to the use	of LMA are all except	
	(A) Full stomach	(B) Pharyngeal abscess	
	(C) Mouth opening > 3 finger bread	th (D) Low pulmonary compliance	
036.	The amount of oxygen dissolved in blood can be derived from		
	(A) Poisuilles law	(B) Grahams law	
	(C) Boyles law	(D) Henrys law	
037.	Pin index safety system is adopted to		
	(A) To discourage incorrect vaporizer attachements		
	(B) To discourage incorrect cylinder attachements		
	(C) To discourage incorrect monitor	attachements	
	(D) To discourage incorrect lead atta	achements	
038.	The following are the component of sodalime except		
	(A) Calcium hydroxide	(B) Sodium hydroxide	
	(C) Barium hydroxide	(D) Pottassium hydroxide	
039.	All of the following arteries can be o	annulated for percutaneous catheterization except	
	(A) Radial artery	(B) Dorsalis pedis artery	
	(C) Posterior tibial artery	(D) Carotid artery	
040.	Features of spinal hematoma:		
	(A) It is mostly intrathecal.		
	(B) It becomes symptomatic within a matter of minutes.		
	(C) Only large hematomas develop symptoms.		
	(D) Female gender is a risk factor for spontaneous hematomas.		
041.	Which one of the following is FALSE about post dural puncture headache		
	(A) Diplopia is mostly unilateral.		
	(B) Intrathecal catheter insertion is associated with increased headache.		
	(C) Symptoms are due to loss of CSF volume.		
	(D) Nerves involved are ophthalmic branch of the facial nerve.		
042.	Pulmonary complications of regional anaesthesia:		
	(A) There is no effect on FVC after interscalene block.		
	(B) Lung volumes may be affected for up to 6 h after brachial plexus block.		
	(C) Most pulmonary complications are seen with infraclavicluar approach to brachial plexus		
	(D) Paravertebral block has a high incidence of Pneumothorax.		
043.	Site of action in epidural analgesia		
	(A) Cortex	(B) Substantia Gelatinosa	
	(C) Ventral horn	(D) Sensory nerve ending	
044.	Which one of the following local and	esthetics belongs to the ester group?	
	(A) Procaine	(B) Bupivacain	
	(C) Lignocaine	(D) Mepivacaine	

045.	Malignant hyperthermia is seen with		
	(A) Gallamine	(B) Lignocaine	
	(C) Succinylcholine (Sch)	(D) Bupivacaine	
046.	Hyperkalemia due to Scoline is seen in	all except:	
	(A) Muscular Dystrophy	(B) Crush injury	
	(C) Abdominal Sepsis	(D) None of the above	
047.	Mendelson syndrome is due to:		
	(A) Aspiration pneumonitis	(B) Chemical pneumonitis	
	(C) Oesophagitis	(D) Oesophageal spasm	
048.	Diffusion hypoxia is seen during:		
	(A) Induction of anaesthesia	(B) Recovering anaesthesia	
	(C) Preoperatively	(D) Postoperatively	
049.	Incubator heat is delivered by except:		
	(A) Conduction	(B) Convection	
	(C) Radiation	(D) Evaporation	
050.	The most common cause of morbidity and mortality in patients undergoing major vascular surgery is:		
	(A) Renal complications	(B) Thrombo embolic phenomenon	
	(C) Coagulopathies	(D) Cardiac complications	
051.	Damage to which nerve leads to wrist drop		
	(A) Radial	(B) Axillary	
	(C) Median	(D) Ulnar	
052.	Which among the following is a lipophilic opioid		
	(A) Sufentanil	(B) Tramadol	
	(C) Morphine	(D) Pentazocine	
053.	Remifentanil is metabolized primarily by		
	(A) Kidneys	(B) Liver	
	(C) Esterase	(D) Pseudocholinesterase	
054.	Cushings triad is the presence of		
	(A) Respiratory depression, hypotension, bradycardia		
	(B) Respiratory depression, hypertension, tachycardia		
	(C) Respiratory depression, hypertension, bradycardia		
	(D) Respiratory depression, hypotension, tachycardia		
055.	The value of ICP above which treatment is recommended according to the brain traums foundation guidelines (BTF, 4th edition) guidelines		
	(A) > 20 mm Hg	(B) > 15 mmHg	
	(C) > 22 mm Hg	(D) > 18 mmHg	
056.	All of the following are side effects of mannitol except		
	(A) Hypotension	(B) Pre renal azotemia	
	(C) Hyperkalemia	(D) Hyponatremia	

057.	The loading dose of phenytoin to treat stat	cus epilepticus is		
	(A) 15 - 20 mg/kg	(B) 25 - 30 mg/kg		
	(C) 30 - 35 mg/kg	(D) 35 - 40 mg/kg		
058.	Mount Fuji sign in a CT scan is seen in	Mount Fuji sign in a CT scan is seen in		
	(A) Venous air embolism	(B) Paradoxical air embolism		
	(C) Tension Pneumocehalus	(D) Acute subdural hematoma		
059.	The type of edema associated with brain tumours is			
	(A) Cytotoxic edema	(B) Interstitial edema		
	(C) Osmotic edema	(D) Vasogenic edema		
060.	Lucid interval is seen in			
	(A) Hemorrhagic stroke	(B) Epidural hematoma		
	(C) Subarachnoid hemorrhage	(D) Acute ischemic stroke		
061.	Which statement is correct about subdural hematoma			
	(A) The source of bleeding is middle meningeal artery			
	(B) Subdural hematoma is limited by suture line			
	(C) Subdural hematoma is crescent shaped on a CT scan			
	(D) Subdural hematoma does not cross midline			
062.	The ideal agent to decrease ICP in a head i is	injured patient presenting with haemorrhagic shock		
	(A) Mannitol	(B) Normal Saline		
	(C) Hetastarch	(D) Hypertonic Saline		
063.	The drug used to treat vasospasm after subarachnoid bleed is			
	(A) Nimlodipine	(B) Nimodipine		
	(C) Verapamil	(D) Dexmedetomidine		
064.	The most common type of brain tumour in adults is			
	(A) Glioma	(B) Meningioma		
	(C) Pituitary adenoma	(D) Craniopharyngioma		
065.	Which among the following is a cerebral v	asodilator		
	(A) Propofol	(B) Isofurane		
	(C) Thipentone	(D) Fentanyl		
066.	The inhalational agent of choice for maintainence of anaesthesia in neurosurgical practice is			
	(A) Isoflurane	(B) Enflurane		
	(C) Sevofluranc	(D) Entonox		
067.	The most sensitive diagnostic modality to o	diagnose venous air embolism		
	(A) Transesophageal echocardiography	(B) Doppler ultrasound		
	(C) End Tidal CO2	(D) Exhaled gas analysis		
068.	Treatment of Traumatic spine injuries (TS	I) includes all except:		
	(A) Stress ulcer prophylaxis	(B) Indwelling urinary catheter		
	(C) High dose steroids	(D) Correct hypotension		

069.	Which of the following is not found in the low pressure circuit on an anaesthesia machine:		
	(A) Flowmeters	(B) Vaporisers	
	(C) Vaporiser check valve	(D) Oxygen failure alarm	
070.	PLMA stands for		
	(A) Perilaryngeal LMA	(B) Proseal LMA	
	(C) Preseal LMA	(D) Prelaryngeal LMA	
071.	Which among the following is cuffless device		
	(A) PLMA	(B) I- gel	
	(C) Air-Q	(D) AMBU LMA	
072.	Which among the following is a double lumen device		
	(A) LMA - Classic	(B) LMA -Unique	
	(C) Elisha Airway device	(D) Proseal LMA	
073.	Which agent increases the gastric pH most section	quickly before induction in emergency caesarean	
	(A) Sodium citrate	(B) Ranitidine	
	(C) Metoclopromide	(D) All of the above	
074.	Parkinsonism is associated with		
	(A) Loss of dopaminergic neurons alone		
	(B) Loss of cholinergic neurons alone		
	(C) Loss of cholinergic and increase in dopa	aminergic activity	
	(D) Loss of dopaminergic and increase in cl	holinergic activity	
075.	Berlin's criteria is used to define		
	(A) Acute respiratory distress syndrome	(B) Sepsis and Septic shock	
	(C) Brain injury	(D) Sub arachnoid haemorrhage	
076.	The following are true of dobutamine administration EXCEPT:		
	(A) Left ventricular end-diastolic pressure (LVEDP) is reduced.		
	(B) It is contraindicated in patients with known ischaemic heart disease.		
	(C) Systemic vascular resistance is reduced.		
	(D) Cardiac index is increased.		
077.	Regarding the fluid resuscitation in trauma patient which statement is FALSE?		
	(A) Resuscitation with large volumes of crystalloid increases the incidence of abdomina compartment syndrome.		
	(B) Hypertonic saline has been shown to increase survival compared with crystalloid.		
	(C) Arterial base deficit is a better indicator of adequacy of fluid resuscitation than urine output		
	(D) Serum lactate is a better indicator of adequacy of fluid resuscitation than urine output.		
078.	Which of the following features is NOT typical of the neuroleptic malignant syndrome?		
	(A) Tachycardia.	(B) Hyperthermia.	
	(C) Autonomic instability.	(D) Rapid onset over a few hours.	
079.	Which statement regarding transfusion-related acute lung injury (TRALI) is TRUE?		
	(A) Volume overload is the principal problem.		
	(B) Mortality ranges from 5-25%.		
	(C) It is an immunological diagnosis.		
	(D) TRALI is physiologically distinct from acute lung injury.		

080. Regarding the pharmacology of morphine which of the following statements is TRUE? (A) It undergoes minimal first pass metabolism. (B) It is metabolised to weakly active metabolites in the liver. (C) It inhibits neurotransmission in the central nervous system. (D) Peak effect is reached within 5 minutes of intravenous injection. 081. Which one of the following statements regarding amiodarone is FALSE? (A) It is 98% protein-bound. (B) It does not require dose adjustment in renal failure. (C) It has no effect on heart rate if the patient is in sinus rhythm. (D) It has a volume of distribution greater than 2L/kg. 082. Which is the TRUE statement regarding the anaesthetic management of a patient with major burns? (A) Awake fibreoptic intubation is the technique of choice in the patient with stridor following inhalational injury. (B) A high ventilator minute volume will be required. (C) Intramuscular morphine is ideal supplemental analgesia for burns dressing changes. (D) Non-depolarising muscle relaxants should be given in small doses. 083. A Non diverting (mainstream) ETCO2 monitor measures the gas concentration at (A) Sampling site (B) Remote site from the sampling site. (C) Transports a portion of the gas being measured from the sampling site through a sampling tube to the sensor (D) None of the above 084. All of the following can be measured with Infrared analyzers EXCEPT (A) Carbon dioxide (B) Nitrous oxide (D) Inhalational agents (C) Oxygen 085. The Tec 6 vaporizer is designed for use (A) Sevoflurane (B) Isoflurane, sevoflurane, desflurane (C) Desflurane only (D) Halothane, cnflurane, isoflurane and desflurane 086. What colour change is seen with Ethyl violet indicator when the absorption capacity is exhausted (A) White to purple (B) White to pink (C) Red to yellow (D) Orange to yellow 087. Which of the following does not represent a significant anaesthetic problem in the morbidly obese patient? (A) Difficulties in endotracheal intubation (B) Suboptimal arterial oxygen tension (C) Increased metabolism of volatile agents

(D) Decreased cardiac output relative to total body mass

	(A) Hypertension	(B) Pulmonary oedema	
	(C) Cyanide toxicity	(D) Heart block	
089.	The most sensitive and practical techniq perioperative period is -	ue for detection of myocardial ischemia in the	
	(A) Magnetic Resonance Spectroscopy		
	(B) Radio labeled lactate determination		
	(C) Direct measurement of end diastolic pre	essure	
	(D) Regional wall motion abnormality detected with the help of 2D transoesophageal echocardiography		
090.	Thiopentone is contraindicated in:		
	(A) Acute intermitent porphyria	(B) Induction of GA	
	(C) CHF	(D) GI disease	
091.	The ideal muscle relaxant used for a neonate undergoing porto-enterostomy for biliary atresia is:		
	(A) Atracurium	(B) Vecuronium	
	(C) Pancuronium	(D) Rocuronium	
092.	In volume cycled ventilation the inspiratory flow rate is set at		
	(A) 140-160L/min	(B) 110-130 L/min	
	(C) 60-100 L/min	(D) 30-50 L/min	
093.	The following modes of ventilation may be ventilation EXCEPT:	e used for weaning off patients from mechanical	
	(A) Controlled Mechanical ventilation (CMV).		
	(B) Synchronized intermittent mandatory ventilation (SIMV).		
	(C) Pressure support ventilation (PSV).		
	(D) Assist-control ventilation (ACV).		
094.	The most common cause of hypoxia during one lung ventilation is -		
	(A) Malposition of the double lumen tube	(B) Increased shunt fraction	
	(C) Collapse of one lung	(D) Soiling of lung by secretions	
095.	During laryngoscopy and endo-tracheal into	ubation which of the maneuver is not performed:	
	(A) Flexion of the neck.		
	(B) Extension of Head at the atlanto-occipital joint.		
	(C) The laryngoscope is lifted upwards levering over the upper incisors.		
	(D) In a straight blade laryngoscope, the epiglottis is lifted by the tip.		
096.	Train of four fade is a characteristic feature	e of:	
	(A) Depolarizing block		
	(B) Non depolarizing block		
	(C) Both depolarizing and non-depolarizing	block	
	(D) Malignant hyperthermia		

088.

Sodium nitroprusside infusion may result in:

097.	Which one of the following muscle relaxant has the maximum duration of action?		
	(A) Atracurium	(B) Vecuronium	
	(C) Rocuronium	(D) Doxacurium	
098.	The following combination of agents are	the most preferred for short day care surgeries	
	(A) Propofol, fentanyl, isoflurane	(B) Thiopentone sodium, morphine, halothane	
	(C) Ketamine, pethidine, halothane	(D) Propofol, morphine, halothane	
099.	Anaesthetic agent of choice in renal failure is:		
	(A) Methoxyflurane	(B) Isoflurane	
	(C) Enflurane	(D) None of the above	
100.	Which one of the common side effects is seen with fentanyl?		
	(A) Chest wall rigidly	(B) Tachycardia	
	(C) Pain in abdomen	(D) Hypertension	
101.	The most abundant electrolyte in human	body is:	
	(A) Sodium	(B) Potassium	
	(C) Phosphorus	(D) Calcium	
102.	The most important buffering system in the body is		
	(A) Haemoglobin	(B) Plasma proteins	
	(C) Phosphate	(D) Bicarbonate	
103.	Signs and symptoms of intracranial hype	rtension include	
	(A) Papilledema	(B) Headache	
	(C) Nausea and vomiting	(D) All of the above	
104.	All of the following are treatment strategies of vasospasm except		
	(A) Hypertension	(B) Hemodilution	
	(C) Calcium channel blockers	(D) Diuretics	
105.	Cardiac tamponade is associated with		
	(A) Pulsus alterans	(B) Pulsus tardus	
	(C) Pulsus parvus	(D) Pulsus paradoxus	
106.	Which of the following is not included in tetralogy of Fallot:		
	(A) Patent ductus arteriosus	(B) Right ventricular hypertrophy	
	(C) Ventricular septal defect	(D) Overriding aorta	
107.	Glasgow coma Scale has all except		
	(A) Verbal response	(B) Motor response	
	(C) Sensory impairment	(D) Eye opening	
108.	Electroencehalography is		
	(A) Recording of electric potentials generated by cells in myocardium		
	(B) Recording of electric potentials generated by cells in cerebral cortex		
	(C) Recording of electric potentials generated by cells in nephron		
	(D) Recording of electric potentials generated by cells in alveoli		
109.	Which among the following is an indicati	on for evoked potential monitoring	
	(A) Spinal fusion surgeries	(B) Gall bladder surgeries	
	(C) Endoscopic third ventriculostomy	(D) Total knee replacement	

Train of four stimulation denotes		
(A) Four successive 200 µs stimuli in 2 secs	(B) Two successive 200 μs stimuli in 2 secs	
(C) Four successive 100 μs stimuli in 2 secs	(D) Two successive 100 μs stimuli in 2 secs	
Dexmedetomidine is a		
(A) Alpha 2 agonist	(B) Beta 1 agonist	
(C) Beta 2 agonist	(D) Alpha 1 agonist	
Rapid induction and emergence of anaesthes	ia by desflurane is due to its	
(A) High solubility in blood and tissues	(B) Low solubility in blood and tissues	
(C) Absent solubility in blood and tissues	(D) Medium solubility in blood and tissues	
Which among the following is an excellent ch	noice of induction in pediatric patients	
(A) Halothane	(B) Isoflurane	
(C) Sevoflurane	(D) Enflurane	
Diffusion hypoxia is associated with the use of	of	
(A) Nitrous oxide	(B) Halothane	
(C) Desflurane	(D) Isoflurane	
Which among the following is considered as a noble gas to possess anaesthetic properties		
(A) Entonox	(B) Xenon	
(C) Nitrous oxide	(D) Desflurane	
Flumazenil is a		
(A) Opioid antagonist	(B) Barbiturate antagonist	
(C) Propofol anatagonist	(D) Benzodiazepine anatagonist	
Acute intermittent porphyria in susceptible i	individuals is associated with the use of	
(A) Thiopentone	(B) Propofol	
(C) Ketamine	(D) Midazolam	
Ketamine is a		
(A) Phencyclidine derivative	(B) Barbiturate derivative	
(C) Imidazoline derivative	(D) Opioid derivative	
Adrenocortical suppression is associated with	h	
(A) Thiopentone	(B) Etomidate	
(C) Propofol	(D) Ketamine	
Which among the following has highest lipid solubility		
(A) Morphine	(B) Meperidine	
(C) Remifentanil	(D) Fentanyl	
Which of the following acid base disturbances is the least well compensated		
(A) Metabolic alkalosis	(B) Respiratory alkalosis	
(C) Increased anion gap metabolic acidosis	(D) Normal anion gap metabolic acidosis	
A disadvantage of using propofol for prolonged sedation of intubated patients in the TCU		
(A) Acidosis	(B) Tachyphylaxis	
(C) Hyperglycemia	(D) Bradycardia	
	(A) Four successive 200 µs stimuli in 2 secs (C) Four successive 100 µs stimuli in 2 secs Dexmedetomidine is a (A) Alpha 2 agonist (C) Beta 2 agonist Rapid induction and emergence of anaesthes (A) High solubility in blood and tissues (C) Absent solubility in blood and tissues (C) Absent solubility in blood and tissues Which among the following is an excellent cl (A) Halothane (C) Sevoflurane Diffusion hypoxia is associated with the use of (A) Nitrous oxide (C) Desflurane Which among the following is considered as (A) Entonox (C) Nitrous oxide Flumazenil is a (A) Opioid antagonist (C) Propofol anatagonist Acute intermittent porphyria in susceptible is (A) Thiopentone (C) Ketamine Ketamine is a (A) Phencyclidine derivative (C) Imidazoline derivative Adrenocortical suppression is associated with (A) Thiopentone (C) Propofol Which among the following has highest lipid (A) Morphine (C) Remifentanil Which of the following acid base disturbance (A) Metabolic alkalosis (C) Increased anion gap metabolic acidosis A disadvantage of using propofol for prolong (A) Acidosis	

123.	Which of the following drugs is the best choice for treating hypotension in the setting of severe academia		
	(A) Norepinephrine	(B) Epinephrine	
	(C) Phenylepinephrine	(D) Vasopressin	
124.	Sedation with which of the following drugs r	resembles normal sleep	
	(A) Propofol	(B) Midazolam	
	(C) Dexmedetomidine	(D) Ketamine	
125.	Which of the following intravenous anesthetics is converted from water soluble to a lipid soluble drug after exposure to the bloodstream		
	(A) Propofol	(B) Midazolam	
	(C) Ketamine	(D) None of the above	
126.	Atropine causes each of the following except		
	(A) Decreased gastric acid secretion		
	(B) Inhibition of salivary secretion		
	(C) Increased lower esophageal sphincter tone		
	(D) Mydriasis		
127.	The best agent for decreasing post-operative	shivering is	
	(A) Morphine	(B) Meperidine	
	(C) Tramadol	(D) Fentanyl	
128.	Which of the following mechanisms is most frequently responsible for hypoxia in the recovery room		
	(A) Ventilation perfusion mismatch	(B) Hypoventilation	
	(C) Hypoxic gas mixture	(D) Intracardiac shunt	
129.	The most sensitive early sign of malignant hy	yperthermia during general anaesthesia is:	
	(A) Tachycardia	(B) Hypertension	
	(C) Fever	(D) Increased end expiratory co2 tension	
130.	Allergic reactions occurring during the immediate perioperative period are most commonly attributable to administration of		
	(A) Muscle relaxants	(B) Local anaesthetics	
	(C) Antibiotics	(D) Opioids	
131.	Which of the following parenteral agents is the initial preferred agent for blood pressure management in patients with acute aortic dissection?		
	(A) Hydralazine	(B) Enalapril	
	(C) Labetalol	(D) Nicardipine	
132.	About capnography which one is TRUE		
	(A) Phase I is expiratory upstroke		
	(B) Phase II is inspiratory baseline		
	(C) The very last portion of Phase III, is referred to as the end-tidal point.		
	(D) The angle between Phases III and IV is called the a		
133.	In which of the following block ulnar nerve is spared		
	(A) Supraclavicular	(B) Interscalene	
	(C) Axillary	(D) Infraclavicular	

134.	Patient with controlled diabetes, and BP 190/90, mallampati III is		
	(A) ASA I	(B) ASA II	
	(C) ASA III	(D) ASA IV	
135.	Horner's syndrome, all true excep	t:	
	(A) Ptosis	(B) Miosis	
	(C) Sweating	(D) Conjuctival injection	
136.	The most important carrier of CO	2 in blood is:	
	(A) Plasma HCO3	(B) Red cells HCO3	
	(C) Dissolved CO2	(D) Plasma proteins	
137.	In neonates, spinal cord ends at:		
	(A) L1	(B) S5	
	(C) L3	(D) L4	
138.	2 litre reservoir bags		
	(A) Arc antistatic		
	(B) Hold 2 litres when fully distended		
	(C) Are designed to allow the internal pressure to reach no more than 80 cm H2O		
	(D) Often have a loop on the end in order to help drying after cleaning		
139.	Which one the following is FALSE about mivacurium chloride		
	(A) Is a mixture of three stereoisomers in approximately equal proportions		
	(B) Can cause significant release of histamine		
	(C) Can be associated with facial erythema, tachycardia and hypotension		
	(D) Has no effect on autonomic ganglia at clinical doses		
140.	Nifedipine		
	(A) Has a structure similar to vera	pamil	
	(B) Is absorbed more rapidly when given sublingually compared to intra-nasally		
	(C) Undergoes extensive first pass metabolism in the liver		
	(D) Is metabolised to inert products		
141.	Dystrophica myotonica		
	(A) Is an inherited condition with autosomal dominant transmission		
	(B) Is exacerbated by heat and exertion		
	(C) May be treated with procyclidine		
	(D) Neostigmine, if used in the re- prolonged weakness	versal of non-depolarising neuromuscular blockade, causes	
142.	All of the following are true about the neuroleptic malignant syndrome EXCEPT		
	(A) Can be precipitated by droper	idol	
	(B) Is potentially fatal		
	(C) Is characterised by dystonia, r	igidity and hypothermia	
	(D) Can result in autonomic labilit	y	

- 143. Which one of the following is FALSE about pulse oximetry
 - (A) The SpO2 is determined by the absorbance of light of wavelengths 660 nm and 940 nm
 - (B) Methaemoglobin causes the SpO2 to approach 85%
 - (C) Oxyhacmoglobin absorbs better at the longer wavelength
 - (D) Fetal haemoglobin gives an inaccurately high reading of saturation
- 144. In recovery
 - (A) One nurse for every two patients is acceptable
 - (B) Spontaneously breathing patients should be transferred to recovery with oxygen by facemask
 - (C) Oliguria is best treated by a small dose of a loop diuretic
 - (D) Dermatomal level of regional analgesia need not be recorded as long as the patient is pain-free
- 145. Which one of the following cannot be measured with Spirometry
 - (A) Tidal volume

- (B) Vital capacity
- (C) Functional residual capacity
- (D) Expiratory reserve volume
- 146. Restrictive lung disease is characterized by
 - (A) A fall in FEV1

- (B) A rise in arterial PO2
- (C) A fall in FEV1/FVC ratio
- (D) Carbon dioxide retention
- 147. The following are early signs of inadvertent oesophageal intubation
 - $(A) \ ST \ depression \ on \ electrocardiogram \ (ECG)$
 - (B) Bradycardia
 - (C) Absence of waveform on capnograph
 - (D) Oxyhaemoglobin desaturation detected on pulse oximetry
- 148. Halothane hepatitis
 - (A) Occurs more commonly in males
 - (B) Has a mortality of about 30%
 - (C) Occurs with a maximum susceptibility when there has been about one month between exposures
 - (D) Has an onset most commonly beginning about 2 weeks after exposure
- 149. All of the following are true about nitrous oxide EXCEPT
 - (A) Was discovered by Humphry Davy in 1772
 - (B) Has been available in metal cylinders since the 1860's
 - (C) Supports combustion
 - (D) Has a solubility in blood similar to that of desflurane
- 150. A disposable endotracheal tube
 - (A) Is described by its external diameter
 - (B) Is marked with a code showing the place and date of manufacture
 - (C) Has a 15 mm connector for attachment to the anaesthetic circuit
 - (D) Has a cuff that is impervious to gases
- 151. Electrocardiographic changes associated with hyperkalemia include
 - (A) Increased P wave amplitude
- (B) Shortened PR interval
- (C) Nan-owed and peaked T waves
- (D) Increased U wave amplitude

152.	A healthy patient in labor has which of the following ASA classification?		
	(A) I	(B) II	
	(C) III	(D) IV	
153.	A 2-year-old child is to undergo tonsillectomy. The child had formula milk 2 hours ago. As per ASA guidelines, optimal NPO status would be to wait another before proceeding to surgery:		
	(A) No waiting, since it is a child	(B) 2 hours	
	(C) 4 hours	(D) 6 hours	
154.	The narrowest segment of a 14-day old child's upper airway is located at the:		
	(A) Hyoid bone	(B) Thyroid cartilage	
	(C) Vocal cords	(D) Subglottic region	
155.	As per American Society of Regional Anaesthesia (ASRA) guidelines, intravenous infusion of unfractionated heparin should be stopped how long prior to a planned epidural?		
	(A) 1 to 1.5 hours	(B) 2 to 4 hours	
	(C) At least 12 hours	(D) At least 24 hours	
156.	All of the following are risk factors for obstructive sleep apnea, except		
	(A) Obesity	(B) Short neck	
	(C) Enlarged tonsils	(D) Female gender	
157.	A patient with a history of severe asthma is scheduled for an appendectomy. Which of the following induction agents will cause the least respiratory depression?		
	(A) Ketamine	(B) Propofol	
	(C) Etomidate	(D) Thiopental	
158.	Effect of combined administration of midazolam and fentanyl is		
	(A) Additive	(B) Synergistic	
	(C) Competitively antagonistic	(D) Noncompetitively antagonistic	
159.	Smoking cessation for 24 hours before a scheduled surgery will lead to		
	(A) Improvement of ciliary function	(B) Decrease in mucous production	
	(C) Decrease in airway irritability	(D) Decrease in level of carboxyhemoglobin	
160.	The artery of Adamkiewicz arises from the aorta at which spinal level		
	(A) T1-T4	(B) T5-T8	
	(C) T9-T12	(D) L1-L4	
161.	Which of the following agents is associated	with the highest incidence of hepatitis postoperatively?	
	(A) Halothane	(B) Isoflurane	
	(C) Desflurane	(D) Sevoflurane	
162.	The antiemetic effect of propofol is thought to occur due to		
	(A) Depressant effect on the chemoreceptor trigger zone		
	(B) Inhibition of dopamine activity		
	(C) Inhibition of glutamate release		
	(D) All of the above		
163.	Ondansetron causes its antiemetic effect by acting as an		
	(A) Agonist at 5-HT2 receptors	(B) Antagonist at 5-HT2 receptors	
	(C) Agonist at 5-HT3 receptors	(D) Antagonist at 5-HT3 receptors	

164.	Overdose with dexmedetomidine results in		
	(A) Hypertension	(B) Bradycardia	
	(C) Hypertension and bradycardia	(D) Hypotension and bradycardia	
165.	The most common complication of inserting a central venous catheter is		
	(A) Carotid artery puncture	(B) Thrombosis	
	(C) Cardiac arrhythmias	(D) Air embolism	
166.	The stellate ganglion lies adjacent to which artery		
	(A) Common carotid artery	(B) Internal carotid artery	
	(C) Aorta	(D) Vertebral artery	
167.	Para aminobenzoic acid is a metabolite of		
	(A) Mepivacaine	(B) Ropivacaine	
	(C) Bupivacaine	(D) Procaine	
168.	All of the following are symptoms of a developing epidural hematoma except		
	(A) Radicular back pain	(B) Bowel and Bladder dysfunction	
	(C) Motor deficits	(D) Fever	
169.	Tachyphylaxis to local anaesthetics is related to		
	(A) Speed of injection	(B) Dosing interval	
	(C) Volume of local anaesthetic	(D) pH of solution	
170.	A patient is undergoing craniotomy for subdural hematoma. During the procedure, the surgeon requests lowering the intracranial pressure. All the following can be used, except		
	(A) Mannitol	(B) Hyperventilation	
	(C) Steroids	(D) Furosemide	
171.	In the management of an acute head injury		
	(A) Steroids are useful in reducing cerebral oedema		
	(B) Lumbar puncture should be used for determination of intracranial pressure (ICP)		
	(C) Amnesia is an indication for computerised axial tomography of the brain (CT)		
	(D) Hartmann's solution should be avoided		
172.	Labetolol		
	(A) Acts on alpha and beta receptors with equal affinity		
	(B) Causes significant postural hypotension		
	(C) Is contraindicated in pregnancy because it causes fetal bradycardia		
	(D) Has no intrinsic sympathomimetic activity (ISA)		
173.	Intravenous regional anaesthesia (Bier's block)		
	(A) Can safely be performed using 0.25% bupivacaine without adrenaline		
	(B) Provides good quality postoperative analgesia		
	(C) Depends on the use of a double-cuff tourniquet inflated to 50 mmHg above systolic pressure		
	(D) The tourniquet can safely be deflated 20 minutes after injection.		

- 174. All are true about Phenoxybenzamine EXCEPT
 - (A) Is a non-selective alpha-adrencrgic antagonist
 - (B) Acts predominantly on post-synaptic alpha-1 receptors
 - (C) May result in nasal stuffiness
 - (D) Is useful in the management of craniopharyngioma
- 175. In the rapid sequence induction
 - (A) Cricoid pressure is applied with a force of 40 Newtons
 - (B) Cricoid pressure must never be released until the tracheal tube is correctly located and the cuff inflated
 - (C) Misting in the catheter mount is a reliable indicator of correct placement of the tracheal tube
 - (D) The lungs should be manually inflated with $100\,\%$ oxygen until intubation is achieved
- 176. Mannitol
 - (A) Is readily absorbed from the gastrointestinal tract
 - (B) Is a six carbon sugar
 - (C) Enters cells by an active transport mechanism
 - (D) Increases urinary excretion of water, sodium, chloride and bicarbonate
- 177. Which one of the following is FALSE about midazolam
 - (A) Is active in its water soluble form
 - (B) Is more lipophilic than the other benzodiazepines
 - (C) Is extensively protein bound
 - (D) Has a bimodally distributed elimination half life with about 6% having a half life of greater than 8 hours
- 178. Concerning sevoflurane
 - (A) It is a poly-fluorinated ether
 - (B) Less than 1% is metabolised
 - (C) It has physical properties resembling desflurane
 - (D) It is not degraded by soda-lime
- 179. An anaesthetist orders a new attendant to bring the oxygen cylinder. He will ask the attendant to identify the correct cylinder by following colour code:
 - (A) Black cylinders with white shoulders
- (B) Black cylinders with grey shoulders
- (C) White cylinders with black shoulders
- (D) Grey cylinder with white shoulders
- 180. When setting up a ventilator to provide intermittent positive pressure ventilation in theatre
 - (A) If a circle system is in use the fresh gas flow must not exceed 31/min
 - (B) The tidal volume may be calculated as 7-10 ml/kg in the adult
 - (C) When using a minute volume divider the fresh gas flow should exceed the required minute volume by $10\,\%$
 - (D) End-tidal carbon dioxide provides an accurate indication of the adequacy of ventilation

 (B) Volume is inversely proportional to c (C) At absolute temp, volume of gas is 1 (D) Obeys charles, boyles and avagadro'. The potency of an Inhalational anaesthet (A) Blood gas partition co-efficient (C) Gas pressure 	s laws tic depends on:	
(D) Obeys charles, boyles and avagadro'. The potency of an Inhalational anaesther (A) Blood gas partition co-efficient	tic depends on:	
The potency of an Inhalational anaesthet (A) Blood gas partition co-efficient	tic depends on:	
(A) Blood gas partition co-efficient	•	
(C) Gas pressure	(B) Oil-gas partition co-efficient	
	(D) Blood pressure	
All of the following factors decrease the Minimum Alveolar Concentration (MAC) of an inhalation anaesthetic agent except.		
(A) Hypothermia	(B) Hyponatremia	
(C) Hypocalcemia	(D) Anemia	
Magill circuit is also known as		
(A) Mapleson D	(B) Mapleson A	
(C) Mapleson E	(D) Mapleson B	
All the following drugs are recommended for treatment of beta blocker induced excessive bradycardia and/or decrease in cardiac output, except:		
(A) Dopamine	(B) Dobutamine	
(C) Glucagon	(D) Calcium chloride	
A 5 year old boy suffering from Duchenne Muscular Dystrophy and Polymyositis has been fasting for 8 hour and has to undergo tendon lengthening procedure, which Anaesthetics should be used		
(A) Induction by I.V. scoline and N2O halothane for maintenance		
(B) Induction by I.V. propofol, N2O and O2 for maintenance		
(C) Induction by I.V. thiopentone and N2O and halothane for maintenance		
(D) Inhalational N2O, halothane and O2 for maintenance		
Atropine as preanesthesia has all effects except		
(A) Decrease secretion	(B) Bronchoconstriction.	
(C) prevent bradycardia	(D) prevent hypotension	
Hydralazine		
(A) Dilates arterioles and veins equally		
(B) Increases heart rate, stroke volume and cardiac output		
(C) May cause a lupus-like syndrome after a single dose		
(D) Decreases renin activity		
Which one is FALSE about Carotid sinus massage		
(A) Causes reflex inhibition of the vasomotor centre		
(B) Activates the cardio-inhibitory centre		
(C) Can be complicated by ventricular tachycardia		
(D) Is still effective in an anaesthetised patient		
	inhalation anaesthetic agent except. (A) Hypothermia (C) Hypocalcemia Magill circuit is also known as (A) Mapleson D (C) Mapleson E All the following drugs are recommendoradycardia and/or decrease in cardiac of the fasting for 8 hour and has to undergo tende be used (A) Induction by I.V. scoline and N2O has induction by I.V. propofol, N2O and (C) Induction by I.V. thiopentone and N2O has induction by I.V. thiopentone and N2O has preanesthesia has all effects (A) Decrease secretion (C) prevent bradycardia Hydralazine (A) Dilates arterioles and veins equally (B) Increases heart rate, stroke volume as (C) May cause a lupus-like syndrome aft (D) Decreases renin activity Which one is FALSE about Carotid sinu (A) Causes reflex inhibition of the vason (B) Activates the cardio-inhibitory centre (C) Can be complicated by ventricular targets and complex to the cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be complicated by ventricular targets and cardio-inhibitory centre (C) Can be completed	

181.

Characteristic of an ideal gas is:

190.	Awareness under anaesthesia		
	(A) The risk of awareness can be reduced with the use of a volatile agent monitor alarm adjusted to a value of $1\mathrm{MAC}$		
	$(B) \ The \ PRST \ score \ assesses \ pressure, lacrimation, movement \ and \ sweating \ on \ a \ scale \ from \ 0 \ to \ 8$		
	(C) If awareness is suspected during the course of an anaesthetic, $10~\mathrm{mg}$ midazolam will abolish the recollection of events		
	(D) Awareness can reliably be detected by continuous measurement of the bispectral index (BSI)		
191.	A patient complains of backache following an epidural anaesthetic. This is most likely the result of:		
	(A) Traumatic nerve injury from the needle		
	(B) Neurotoxicity from the local anaesthetic drug		
	(C) Hematoma formation		
	(D) Disruption of ligaments from the epidural needle		
192.	Which of the following is the most sensitive detector of venous air embolism:		
	(A) Pulmonary artery pressure	(B) Precordial Doppler	
	(C) Esophageal heart sounds	(D) End-tidal carbon dioxide monitor	
193.	The Oxy-haemoglobin dissociation curve is shifted to the left by:		
	(A) Acidosis	(B) Anaemia	
	(C) Hypothermia	(D) High altitudes	
194.	Hypothermia is used in all except:		
	(A) Neonatal asphyxia	(B) Cardiac surgery	
	(C) Hyperthermia	(D) Arrythmia	
195.	Which of the following agents is used for the treatment of postoperative shivering?		
	(A) Thiopentone	(B) Suxamethonium	
	(C) Atropine	(D) Tramadol	
196.	Which of the following statements is true regarding Nitric oxide:		
	(A) Used in pulmonary hypertension	(B) Decreases the dose of anaesthetics	
	(C) Causes systemic hypotension	(D) Used as a vasoconstrictor	
197.	Nerve injury associated with lithotomy position		
	(A) Brachial plexus injury	(B) Common peroneal nerve	
	(C) Both (A) and (B)	(D) None of the above	
198.	Stage 2 RIFFLE classification of acute kidney injury includes		
	(A) Increase in serum creatinine to \geq 1.2 to 2 fold from the baseline		
	(B) GFR decrease by > 50%		
	(C) Complete loss of kidney function for > 4weeks		

(D) Increase in serum creatinine to ≥ 3 fold from the baseline

- 199. Hepatopulmonary syndrome (HPS) is characterized by
 - (A) Increased oxygen saturation
 - (B) Increase in the alveolar-to-arterial oxygen gradient.
 - (C) Decreased or absent intrapulmonary shunting
 - (D) Is found in > 50% of liver transplant candidates
- 200. Nutrition in critically ill patients
 - (A) Total parenteral nutrition is preferred over enteral nutrition
 - (B) Electrolyte abnormalities cannot occur in TPN
 - (C) Overfeeding can lead to reversible cholestatic jaundice.
 - (D) Should be delayed as much as possible