

AQA

PROVISIONAL ANSWER KEY [CBRT]

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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 in prescribed format of suggestion sheet Physically.
- (2) Question wise suggestion to be submitted in the prescribed format (Suggestion Sheet) published on the website.
- (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. 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 shall be made on separate sheet. Objection for more than one question in single sheet shall not be considered & treated as cancelled.

ઉમેદવારે નીચેની સૂચનાઓનું પાલન કરવાની તકેદારી રાખવી, અન્યથા વાંધા-સૂચન અંગે કરેલ રજૂઆતો ધ્યાને લેવાશે નહીં

- (1) ઉમેદવારે વાંધા-સૂચનો નિયત કરવામાં આવેલ વાંધા-સૂચન પત્રકથી રજૂ કરવાના રહેશે.
- (2) ઉમેદવારે પ્રશ્નપ્રમાણે વાંધા-સૂચનો રજૂ કરવા વેબસાઈટ પર પ્રસિધ્ધ થયેલ નિયત વાંધા-સૂચન પત્રકના નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ ન કરતા તમામ વાંધા-સૂચનો વેબસાઈટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્ર માં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચન ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે જે પ્રશ્નના વિકલ્પ પર વાંધો રજૂ કરેલ છે અને વિકલ્પ રૂપે જે જવાબ સૂચવેલ છે એ જવાબ ઉમેદવારે પોતાની ઉત્તરવહીમાં આપેલ હોવો જોઈએ. ઉમેદવારે સૂચવેલ જવાબ અને ઉત્તરવહીની જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચન ધ્યાનમાં લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચન પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

001. Which of the following is the Nysten's law:
- (A) Cadaveric rigidity does not appear in living people
 (B) Cadaveric rigidity appears faster in older and the young than in the middle age
 (C) Cadaveric rigidity occurs in men earlier than in women
 (D) Cadaveric rigidity affect successively the masticatory muscles, those of the face and the neck, those of the trunk and arms and finally those of the lower limbs
002. Pre auricular sulcus helps in detection of:
- (A) Age (B) Sex
 (C) Race (D) Height
003. The outer covering of diatom is made of:
- (A) Magnesium (B) Silica
 (C) Hydrocarbons (D) None of the above
004. Incised looking laceration is seen in all, except :
- (A) Iliac crest (B) Zygomatic bone
 (C) Shin (D) Chest
005. Boxer's haemorrhages are usually seen in:
- (A) Cerebrum (B) Cerebellum
 (C) Pons (D) Medulla
006. Marshall's triad is seen in:
- (A) Explosive injury (B) Gunshot injury
 (C) Drowning injury (D) Lightning injury
007. Percentage of surface area of palm of a burn patient:
- (A) 1% (B) 9%
 (C) 18% (D) 27%
008. FG, FFG, FFFG is used to indicate :
- (A) Cartridge (B) Black powder size
 (C) Base of gun (D) Wadding of cartridge
009. An adult came to casualty with complaints of rapid heart rate. On examination everything else was normal except for episodic tachycardia and occasional extra systole and amblyopia. Which of the following is the cause of it?
- (A) Nicotine (B) Cannabis
 (C) Atropine (D) Cocaine
010. Least toxic form of lead is:
- (A) Lead acetate (B) Lead oxide
 (C) Lead Carbonate (D) Lead sulphide
011. All of the following are signs of acute arsenic poisoning except :
- (A) Red velvety gastric mucosa on postmortem
 (B) Acute tubular necrosis
 (C) Tenesmus
 (D) Rain drop pigmentation

012. The venom of krait is:
 (A) Myotoxic (B) Cardiotoxic
 (C) Hemotoxic (D) Neurotoxic
013. Heroin is?
 (A) Cocaine (B) Opioid
 (C) Dhatura (D) Cannabis
014. Angel dust is?
 (A) Phencyclidine (B) LSD
 (C) Morphine (D) Cannabis
015. Which of the following beverages contains the maximum percentage of alcohol :
 (A) Whiskey (B) Brandy
 (C) Wine (D) Rum
016. Methanol causes eye damage by converting into?
 (A) Formic acid (B) Acetaldehyde
 (C) Pyridine (D) Acetic acid
017. Increased sexual desire in males is known as:
 (A) Nymphomania (B) Satyriasis
 (C) Frigidity (D) Fetishism
018. Gallbladder in starvation death is:
 (A) Contracted (B) Distended
 (C) Mummified (D) Not affected
019. Characteristic feature of antemortem drowning is :
 (A) Emphysema aquosum (B) Palataufs haemorrhage
 (C) Water in stomach (D) Cutis anserine
020. To examine the vaginal cells in the rape accused, the test used is:
 (A) Lugol's iodine test (B) Takayama test
 (C) Florence test (D) Precipitin test
021. Raygat's test is based on :
 (A) Weight of lung (B) Specific gravity of lung
 (C) Consistency of lung (D) Volume of lungs
022. Match the following :
 1. Geneva a. Torture
 2. Helsinki b. Ethics
 3. Oslo c. Human experimentation
 4. Tokyo d. Abortion
 (A) 1 - a, 2 - b, 3 - d, 4 - c (B) 1 - b, 2 - c, 3 - d, 4 - a
 (C) 1 - d, 2 - a, 3 - b, 4 - c (D) 1 - c, 2 - d, 3 - a, 4 - b
023. Age at which a person can give consent for physical examination :
 (A) 8 (B) 12
 (C) 18 (D) 21

024. Excessive buying is termed as :
- (A) Kleptomania (B) Oniomania
(C) Trichotillomania (D) Pyromania
025. For diagnosis of insanity, maximum limit of observation :
- (A) 5 days (B) 10 days
(C) 30 days (D) 50 days
026. Dying declaration comes under :
- (A) Section 32 IEA (B) Section 33 IEA
(C) Section 60 IEA (D) 291 Cr P C
027. Biomedical research involving humans subjects is guided by code of ethics formed by:
- (A) International code of medical ethics (B) Hippocratic oath
(C) Declaration of Geneva (D) Declaration of Helsinki
028. Under which section police can ask the doctor to examine without the accused person's consent :
- (A) Sec 52 IPC (B) Sec 53 CrPC
(C) Sec 54 CrPC (D) Sec 92 IPC
029. Most reliable method of identification is :
- (A) Gustafson method (B) Galton method
(C) Anthropometry (D) Scars
030. Which of the following is not a constituent of universal Antidote.
- (A) Activated Charcoal (B) Tannic Acid
(C) Potassium Permanganate (D) Magnesium Oxide
031. Which of the following drug is tranquilizer?
- (A) LSD (B) Atropine
(C) Ecstasy (MDM(A)) (D) Chlorpromazine
032. Castration cells are found in the
- (A) Uterus (B) Prostate
(C) Placenta (D) Anterior pituitary
033. Sildenafil (Viagr(A)) causes transient difficulty with colour perception because
- (A) It dilates the blood vessels in retina
(B) It constricts the blood vessels in the retina
(C) Related isoforms of guanylyl cyclase are found in the retina and in the penis
(D) Related isoforms of Phosphodiesterase are found in the retina and in the penis
034. Enzymes used in DNA fingerprinting
- (A) Peptidase (B) Restriction enzymes
(C) Dehydrogenase (D) Nucleotidase
035. Restriction enzymes are used in one of these techniques:
- (A) Sequencing (B) Genotyping
(C) RFLP (D) Polymerization
036. Enzymes analyzed in organophosphorus poisoning.
- (A) Amylase (B) Synthase
(C) Cholinesterase (D) Neuraminidase

037. All the following are true with regard to carboxy hemoglobin except.
 (A) CO binds to ferrous iron to form carboxyhemoglobin
 (B) CO has more affinity for Hb than oxygen
 (C) Oxygen dissociation curve is shifted to right
 (D) Cannot be converted back to deoxy HB
038. Preservative used in urine sample for chemical analysis.
 (A) Formalin (B) Thymol
 (C) Fluoride (D) EDTA
039. In case of carbon monoxide poisoning which preservatives is recommended for the preservation of blood.
 (A) Sodium fluoride (B) Sodium chloride
 (C) Sodium carbonate (D) No preservative
040. Which of the following is false about skeletal differences between male and female pelvis?
 (A) The pelvic part of the chilotic line is predominant in females and the sacral part of the chilotic line is predominant in males
 (B) The sacral basal articular facet for the fifth lumbar vertebra and intervening disc is less than a third of the total sacral basal width in females.
 (C) The height of the female symphysis and adjoining parts of the pubis and ischium are absolutely less, producing a somewhat triangular obturator foramen
 (D) The ischiopubic rami bear a distinctly rough, everted area for attachment for the clitoris with ischial spines placed closer and more in-turned
041. Ossification centre appears just before birth for :
 (A) Lower end of tibia (B) Medial end of clavicle
 (C) Lower end of femur (D) Upper end of humerus
042. Arrange the carpal bones in ascending order of appearance of ossification centre
 (A) Capitate, lunate, hamate, pisiform (B) Capitate, hamate, triquetrum, pisiform
 (C) Capitate, triquetrum, hamate, pisiform (D) Capitate, hamate, pisiform, triquetrum
043. Indian penal code was enacted in
 (A) 1861 (B) 1869
 (C) 1871 (D) 1860
044. Lanugo hairs are
 (A) Pigmented. (B) Medullated.
 (C) Scale pattern is complex (D) Thin and soft
045. A civil wrong is known as
 (A) Mutatis mutandi. (B) Pari passu.
 (C) Tort. (D) Ultravires.
046. After death myocardium becomes rigid in
 (A) 30 minutes. (B) 60 minutes.
 (C) 4 hours. (D) 12 hours.
047. Hair becomes loose after
 (A) 72 hours of death. (B) 48 hours of death.
 (C) 90 hours of death. (D) 3 months of death.

048. Vesicles in antemortem burn are differentiated from postmortem burn by the presence of
(A) Chloride. (B) Albuminous fluid and chloride.
(C) Plasma and WBC in fluid. (D) Air.
049. In artificial insemination. The semen may be deposited in
(A) Vagina. (B) Uterus.
(C) Cervical canal. (D) Any of the above.
050. Transvestism is
(A) Viewing secretly sexual act. (B) Wearing cloths of opposite sex.
(C) Pleasure in inflicting pain. (D) Discussion on pornography.
051. Seminal fluid choline originates from the
(A) Prostate. (B) Leydig cell.
(C) Seminal vesicle. (D) Sertoli cells.
052. Which of the following sign will indicate that the menstrual blood was antemortem?
(A) Alkaline.
(B) Light pink.
(C) Does not clot unless mixed with the seminal fluid.
(D) Shows endometrial and vaginal cells.
053. The Capacity of a bullet to cause maximum destruction lies in its:
(A) Size. (B) Shape.
(C) Weight. (D) Velocity.
054. Mercury poison acts on
(A) Proximal convoluted tubule. (B) Distal convoluted tubule.
(C) Loop of Henle. (D) Collecting tubules.
055. Sideroblastic anaemia is seen in
(A) Acute copper poisoning. (B) Chronic lead poisoning.
(C) Chronic mercury poisoning. (D) Chronic arsenic poisoning.
056. Which of the following is known as 'Thorn apple'?
(A) Datura alba. (B) Datura niger.
(C) Datura stramonium. (D) Datura metal.
057. Hydrocyanide-oxidase cytochrome enzyme is inhibited with poisoning of
(A) Hg. (B) Cyanide.
(C) Arasenic. (D) Lead.
058. 'Ewing's postulates' refer to
(A) Accidentals as a cause of disease.
(B) Complications result from trauma.
(C) The role of disease in modifying the effects of trauma.
(D) Congenital abnormalities caused by drugs.
059. The following is the constant idea occurring with the irresistible forces. Unable to drive away from mind
(A) Delusion. (B) Impulse.
(C) Obsession. (D) Illusion.

060. Contributory negligence is related with :
- (A) Eggshell skull rule (B) Master-servant rule
(C) Avoidable consequence rule (D) Common knowledge rule
061. Which of the following organs obtained from cadaver is not used for transplant?
- (A) Blood vessels (B) Lung
(C) Liver (D) Urinary bladder
062. Most common cardiac anomaly in Turner syndrome:
- (A) Bifurcation of aorta (B) Coarctation of aorta
(C) Aortic stenosis (D) Bicuspid aortic valve
063. Risk of Thromboembolism is highest with:
- (A) Deep femoral vein thrombosis (B) Anterior tibial vein thrombosis
(C) Posterior tibial vein thrombosis (D) Popliteal vein thrombosis
064. Transmission rate of HIV by needlestick injury in health professionals is :
- (A) 0.3% (B) 1%
(C) 5% (D) 10%
065. Difference between the postmortem staining and contusion are all, except:
- (A) Bluish in color (B) Disappear on the pressure
(C) Margins are regular (D) Extravasation is found
066. NOT a constituent of embalming fluid :
- (A) Formalin (B) Methanol
(C) Ethanol (D) Glycerin
067. Spanish windlass is practiced in which form of strangulation :
- (A) Bansdola (B) Garroting
(C) Throttling (D) Mugging
068. The best site for taking sample for the diatoms test is :
- (A) Lungs (B) Bone marrow of the ulna
(C) Bone marrow of femur (D) Muscle
069. In a firearm injury, blackening seen around the entry wound is due to:
- (A) Flame (B) Smoke
(C) Unburnt powder (D) Hot gases
070. Juvenile court is presided by:
- (A) 1 class woman Magistrate (B) II class woman Magistrate
(C) III class woman Magistrate (D) None of the above
071. A woman with infertility receives an ovary from her sister who is an identical twin. Type of graft is:
- (A) Xenograft (B) Autograft
(C) Allograft (D) Isograft
072. Bones begin to decompose after death in:
- (A) 6 months - 1 year (B) 1-2 years
(C) 3-10 years (D) 10-20 years

073. To confirm diagnosis of rabies on postmortem :
- (A) Find negri bodies in saliva (B) Find negri bodies in corneal scraping
(C) Antirabies antibodies in blood (D) Negri bodies in brain
074. Number of ossification centres present at birth :
- (A) 206 (B) 250
(C) 350 (D) 450
075. Mineralization of teeth begins at:
- (A) Crown and progresses towards the root
(B) Root and progresses towards the crown
(C) Simultaneously at the root and crown
(D) Begins at the centre
076. A person is alleged to have been dead and body is not found. Proof is produced that the same person has not been heard for seven years by his friend and relative, death is presumed under
- (A) S.107 IEA (B) S.108 IEA
(C) S.105 IEA (D) S 106 IEA
077. Fish tailing seen in:
- (A) Chop wound (B) Stab wound
(C) Lacerated wound (D) Avulsion injury
078. Gun shot residue on the hands can be detected by :
- (A) Phenolphthalein test (B) Dermal nitrate test
(C) Benzidine test (D) H₂ activation test
079. Commonest cause of thunderclap headache :
- (A) Extradural hemorrhage (B) Aneurysmal SAH
(C) Subdural hemorrhage (D) Basilar migraine
080. Marjolin's ulcer is seen in :
- (A) Malignancy from scar of burns (B) Malignant ulcer from infected foot
(C) Trophic ulcer (D) Melaney's gangrene
081. Adrenal hemorrhage caused by:
- (A) Streptococci (B) Staphylococci
(C) E. Coli (D) Meningococci
082. To develop cyanosis the reduced hemoglobin exceed:
- (A) 2 gm% (B) 5 gm%
(C) 6 gm% (D) 10 gm%
083. Absorption elution technique is used for :
- (A) Detection of blood stains (B) Detection of fecal stains
(C) Fingerprints (D) Seminal stains
084. Affiliation refers to:
- (A) Divorce (B) Paternity dispute
(C) Rape (D) Adultery

085. St. Anthony fire disease is :
(A) Opioid poisoning (B) Cannabis poisoning
(C) Ergot poisoning (D) Datura poisoning
086. Prohibition of participation of a doctor in torture comes under :
(A) Declaration of Tokyo (B) Declaration of Helsinki
(C) Declaration of Oslo (D) Declaration of Geneva
087. Medical records to be preserved for:
(A) 1 year (B) 3 years
(C) 5 years (D) 10 years
088. A poison which has no smell :
(A) Phenol (B) Calotropis
(C) Phosphorus (D) Cyanide
089. Color of urine in phenol poisoning :
(A) Red (B) Green
(C) Yellow (D) Blue
090. In holiday heart syndrome most common feature is:
(A) Atrial fibrillation (B) Atrial flutter
(C) Ventricular fibrillation (D) Ventricular flutter
091. Chromolacryorrhea is due to :
(A) Accumulation of porphyrins (B) Congestion in eyes
(C) Accumulation of phosphate (D) Effect of acetylcholine
092. Subcutaneous blebs are present in :
(A) Phenobarbitone poisoning (B) CO poisoning
(C) Decomposition (D) All of the above
093. Toxin responsible for epidemic dropsy:
(A) BOAA (B) Aflatoxin
(C) Sanguinarine (D) Pyrroolidone
094. Textiloma denotes:
(A) Tumors developing due to persistent contact with certain fabrics.
(B) Complications resulting from foreign materials accidentally left inside a patient's body.
(C) Complications due to intracranial mass.
(D) Recurrent tumor abscess.
095. Egg shell skull rule is a legal doctrine used in
(A) Both civil and criminal law. (B) Civil law only.
(C) Criminal law only. (D) Consumer law.
096. In accordance to the Indian Contract Act, a person is generally competent to contract
(A) If he has attained the age of 18 years of sound mind and not disqualified by any law.
(B) If he has attained the age of 12 years of sound mind and not disqualified by any law.
(C) If he has attained the age of 21 years of sound mind and not disqualified by any law.
(D) If he has attained the age of 21 years of unsound mind and not disqualified by any law.

097. According to Indian Penal Code, "A person can give valid consent to suffer any harm which may result from an act not intended or not known to cause death, done in good faith and for his benefit"
- (A) Section 87 IPC (B) Section 88 IPC
(C) Section 89 IPC (D) Section 92 IPC
098. A doctor while examining the patient without consent in an emergency is protected under:
- (A) Section 87 IPC (B) Section 88 IPC
(C) Section 89 IPC (D) Section 92 IPC
099. According to which section of Indian Evidence Act, a child of any age can give evidence if the court is satisfied about his / her truthfulness
- (A) Section 118 I. E. A. (B) Section 114 I. E. A.
(C) Section 157 I. E. A. (D) Section 45 I. E. A.
100. The best method used to open the skull when the sutures are not closed during fetal autopsy is
- (A) Ghon's technique (B) Beneke's technique
(C) Letulle's technique (D) Rokintasky technique
101. All are involved in brain stem death certification under the Transplantation of Human Organs Act, except:
- (A) The doctor, in-charge of hospital in which the brain stem death occurred.
(B) A neurologist or a neurosurgeon, nominated by the in-charge, from the panel.
(C) A doctor treating the person whose brainstem death has occurred.
(D) A doctor involved in the transplantation procedure.
102. True about dying declaration is
- (A) Only doctors can take it.
(B) Only magistrate can take it.
(C) Not valid if incomplete.
(D) Can be used as evidence in the court of law in case if the declarant survives.
103. Cognizable offence comes under which section of Cr PC
- (A) 2(c) (B) 2(b)
(C) 1(a) (D) 2(1)
104. Rotten egg smell in mouth & nose is seen in which poisoning
- (A) Hydrogen sulphide poisoning (B) Arsenic poisoning
(C) Chloral hydrate poisoning (D) Zinc phosphide poisoning
105. Antidote of choice for botulinum toxin is
- (A) Guanidine (B) Flumanazil
(C) Acetylcysteine (D) Prussian blue
106. Best organ for preservation in cyanide poisoning is...
- (A) Lungs (B) Liver
(C) Brain (D) Spleen
107. Legal limit for drunkenness driving in India is...
- (A) 40 mg% (B) 30 mg%
(C) 50 mg% (D) 70 mg%

108. Hyperpigmentation of palms & soles is seen in which poisoning
 (A) Arsenic (B) Mercury
 (C) Lead (D) Copper
109. Poisoning resembling viper snake bite is:
 (A) Ricin (B) Crotin
 (C) Bhilawanol (D) Abrin
110. Hypocalcemia is usually seen in which poisoning
 (A) Oxalic acid (B) Sulphuric acid
 (C) Phenol (D) Hydrochloric acid
111. Hatters shake' is associated with:
 (A) Arsenic (B) Lead
 (C) Mercury (D) Copper
112. 'Beer drinker cardiomyopathy' is seen in which poisoning:
 (A) Copper poisoning (B) Cobalt poisoning
 (C) Chromium poisoning (D) Cesium poisoning
113. 'Chinese restaurant syndrome' is associated with which poisoning:
 (A) Argemone seeds (B) Monosodium glutamate
 (C) Mushroom poisoning (D) Botulinum toxin
114. 'Knock out drops' or 'mickey finn' is referred to which poison;
 (A) Diazepines (B) Barbiturates
 (C) Methanol (D) Chloral hydrate
115. All are cardio-toxic poisons except
 (A) Nerium odorum (B) Cerebra thevetia
 (C) Cerebra odollum (D) LSD
116. Magnan's symptoms are associated with:
 (A) Cocaine (B) Amphetamine
 (C) Cannabis (D) Datura
117. Cherry pink colour post mortem lividity is seen in which poisoning
 (A) Hydrogen sulphide (B) Aniline
 (C) Cyanide (D) Carbon monoxide
118. According to Drugs & Cosmetic rules, 'Vaccines' comes under which schedule?
 (A) Schedule H (B) Schedule F
 (C) Schedule E (D) Schedule C
119. Run amok' is characteristic in:
 (A) Cannabis (B) Cocaine
 (C) Dhatura (D) Methyl alcohol
120. Revealing the identity of rape victim by the doctor or nurse who conducted the medical examination is a punishable offense under?
 (A) 228A IPC (B) 222A IPC
 (C) 226A IPC (D) 224A IPC

121. A doctor is examining a burns case and looking for curling ulcers. Which of the following part should be examined?
 (A) 1st part of duodenum (B) 2nd part of duodenum
 (C) Junction of 2 and 3rd part of duodenum (D) 4th part of duodenum
122. If a victims' gunshot entry and exit wound are not properly distinguishable during post-mortem due to corrective surgery, it is known as?
 (A) Kennedy phenomenon (B) McNaughton phenomenon
 (C) Ricochet phenomenon (D) Alec Jeffrey phenomenon
123. Scatalogia refers to?
 (A) Female partner amputates penis of her male partner by sharp object
 (B) Obtaining sexual stimulation or satisfaction by seeing flames or building destruction
 (C) Obscene telephone calls
 (D) Falling in love with object made by him
124. Order of appearance of rigor mortis over the body is based on
 (A) Nysten's Law (B) Madea's formula
 (C) Rule of 12 (D) Casper dictum
125. Heat stiffening occurs when body is exposed to:
 (A) 300C (B) 400C
 (C) 500C (D) >650C
126. Incaprettamento is
 (A) Accidental ligature strangulation (B) Throttling
 (C) Homicidal ligature strangulation (D) Postmortem suspension of the body
127. Ecchymosis seen over flank or side of abdomen, occurring due to extensive retroperitoneal hemorrhage is:
 (A) Grey Turner's sign (B) Cullen's sign
 (C) Battle's sign (D) Sveshnikov's sign
128. Human bite mark is an example of:
 (A) Pressure abrasion (B) Graze abrasion
 (C) Scratch abrasion (D) Pattern abrasion
129. In cyanide poisoning enzyme inhibited is.
 (A) Catalase (B) Cholinesterase
 (C) Cytochrome oxidase (D) Collagenase
130. Ectopic bruise is most commonly seen in:
 (A) Leg (B) Eye
 (C) Pinna (D) Scalp
131. Feature of Neurogenic shock:
 (A) Tachycardia and hypotension (B) Tachycardia and hypertension
 (C) Bradycardia and hypotension (D) Bradycardia and hypertension
132. If food and water is withheld then the person will die after:
 (A) 1 – 2 days (B) 4 – 7 days
 (C) 7 – 10 days (D) 14 – 21 days

133. For age assessment from ribs according to Iscan et al. the best rib for the assessment is:
 (A) 2nd rib (B) 4th rib
 (C) 7th rib (D) 9th rib
134. "Perl's reaction" is concerned with:
 (A) Age of bruise. (B) Age of subdural hematoma.
 (C) Age of extradural hematoma. (D) Drowning.
135. Sexual gratification by torturing or inflicting pain on someone is known as:
 (A) Masochism (B) Fetishism
 (C) Voyeurism (D) Sadism
136. All are natural sexual offences except
 (A) Incest (B) Rape
 (C) Adultery (D) Sodomy
137. Electra complex is a type of incest in which sexual affection between
 (A) Son & mother (B) Daughter & father
 (C) Brother & sister (D) Grandfather & grand daughter
138. Section 376 B of Indian Penal Code (IPC) deals with
 (A) Punishment for Sexual intercourse by husband upon his wife during separation
 (B) Punishment for Sexual intercourse by a person in authority
 (C) Punishment for Gang rape
 (D) Punishment for repeat offenders
139. Most common hymenal tears in virgin is in
 (A) 6' clock position, posteriorly (B) 12' clock position, anteriorly
 (C) 3' clock position, anteriorly (D) 9' clock position, posteriorly
140. According to POCSO Act (Protection Of Child against Sexual Offence), Juvenile is the term used for
 (A) Girls less than 16 yrs
 (B) Boys less than 21 yrs
 (C) Applies to both boys & girls below 16 yrs of age
 (D) Applies to both boys & girls below 18 yrs of age. Punishment for repeat offenders
141. Display of bare breasts in public place is a type of exhibitionism which is known by the term.
 (A) Mooning (B) Flashing
 (C) Streaking (D) Candalism
142. Presence of smegma on the glans penis indicate that
 (A) Male has done sexual act recently
 (B) Male has not done sexual act in last 1 week
 (C) Male has not done sexual act in last 1 month
 (D) Male has not done sexual act in last 1 day
143. Best test for seminal stains is:
 (A) Acid phosphatase test (B) Precipitin test
 (C) Florence test (D) Alkaline phosphatase test

144. The test to determine blood groups in a blood stain is
 (A) Luminal spray (B) Haemin crystal test
 (C) Kastle - meyer test (D) Lattes crust method
145. The common cause for the concentric hypertrophy of the left ventricle seen during postmortem examination is due to:
 (A) Cardiomyopathy (B) Myocarditis
 (C) Hypertension (D) Myocardial fibrosis
146. Shovel – shaped upper central incisor is
 (A) Age related change (B) Pathological
 (C) Race determination (D) Sex determination
147. Adults have approximately _____ mL of blood per kilogram of body weight.
 (A) 50 to 55 (B) 60 to 66
 (C) 70 to 77 (D) 80 to 88
148. “Bobbit syndrome” is
 (A) Repeated injury to the penis (B) Cutting of penis by a sharp instrument
 (C) Crushing of penis by weight (D) Traumatic rupture of the corpus cavernosum
149. Hydrogen peroxide is used in all of the following chemical tests for blood except:
 (A) Benzidine test (B) Phenolphthalein test
 (C) Orthotolidine test (D) Teichmann’s test
150. Before dispatching the samples to FSL for DNA typing the vaginal swabs should be stored at:
 (A) –200C (B) Deep freezer section of refrigerator
 (C) 40 C in a refrigerator (D) At room temperature
151. Brain fingerprinting was invented by
 (A) Alec Jeffrey (B) Lawrence Farwell
 (C) William Marston (D) Dr. John A. Larson
152. Foamy liver is seen in:
 (A) Arsenic poisoning (B) Electrocutation
 (C) Hanging (D) Putrefaction
153. Krogman’s formula in Forensic medicine is related to:
 (A) Race (B) Age
 (C) Sex (D) Stature
154. Manchausen syndrome by proxy includes all except:
 (A) Admission of abuse by parents
 (B) Illness does not suggest a particular disease
 (C) Child becomes ill in presence of the care giver
 (D) Lab & X-ray findings are negative
155. Othello syndrome in forensic psychiatry refers to:
 (A) Delusion of grandeur (B) Delusion of persecution
 (C) Nihilistic delusion (D) Delusion of infidelity

156. In chronic arsenic poisoning the following samples can be sent for laboratory examination, except:
- (A) Nail clippings (B) Hair samples
(C) Bone biopsy (D) Blood sample
157. "Refeeding syndrome"
- (A) Usually occurs immediately after starting to feed in a starved individual
(B) Usually occurs within four days of starting to feed in a starved individual
(C) Usually occurs after one week of starting to feed in a starved individual
(D) Usually occurs after 10 days of starting to feed in a starved individual
158. "Puppet organs" are due to
- (A) Shriveling of internal organs due to heat
(B) Shriveling of internal organs due to putrefaction
(C) Embalming
(D) Mummification
159. Depression of consciousness level in hypothermia starts when the core body temperature falls below:
- (A) 350C (B) 340C
(C) 330C (D) 320C
160. In hypothermia, cause of death is:
- (A) Stroke (B) Ventricular fibrillation
(C) Pulmonary embolism (D) Asphyxia
161. Brush burn is a
- (A) Mechanical injury (B) Chemical injury
(C) Thermal injury (D) Electric injury
162. According to Sec 82 IPC, age of criminal responsibility is
- (A) 21 years (B) 18 years
(C) 12 years (D) 7 years
163. Convulsions begin to develop in brain
- (A) By the end of 3rd month of intra uterine life
(B) By the end of 4th month of intra uterine life
(C) By the end of 7th month of intra uterine life
(D) By the end of 8th month of intra uterine life
164. Singeing of hair is seen in
- (A) Burns (B) Scalds
(C) Chemical burns (D) All of the above
165. According to bio medical waste management and handling rules 1998 and 2000, which colour bag is used to dispose IV sets, Uro bag, Catheters
- (A) Black (B) Blue
(C) Red (D) Yellow
166. Normal weight of the heart in an adult male is
- (A) 250 grams (B) 300 grams
(C) 350 grams (D) 400 grams

167. Normal sperm count per ml of semen is
 (A) 20 to 40 million (B) 40 to 60 million
 (C) 60 to 150 million (D) 5 million
168. Lynching is
 (A) Suicidal hanging (B) Homicidal hanging
 (C) Judicial hanging (D) Accidental hanging
169. ATAVISM MEANS
 (A) Child resembles father (B) Child resembles mother
 (C) Child resembles grand parents (D) Child resembles brother / sister
170. The intelligence quotient of an imbecile is
 (A) 0 – 20 (B) 20 – 50
 (C) 50 – 75 (D) 75 – 90
171. Bone peals is seen in
 (A) Lightning (B) Electrocutation
 (C) Drowning (D) Burns
172. Alcohol gaze Nystagmus seen when the blood alcohol level is at
 (A) 0 – 40 mg% (B) 40 – 100 mg%
 (C) 100 – 150 mg% (D) 150 – 300 mg%
173. Foetal heart sounds are heard for the first time between
 (A) 14 – 18 weeks of Intrauterine life (B) 18 – 20 weeks of Intrauterine life
 (C) 20 – 24 weeks of Intrauterine life (D) 24 – 28 weeks of Intrauterine life
174. HARA – KIRI is a type of
 (A) Homicide (B) Suicide
 (C) Accident (D) Judgement
175. Effective range of Shot gun is
 (A) 3 metres (B) 15 metres
 (C) 30 metres (D) 150 metres
176. Subdural hygroma is
 (A) Collection of blood in subdural space (B) Collection of CSF in subdural space
 (C) Benign growth in the subdural space (D) Collection of pus in the subdural space
177. The normal urinary bladder capacity is
 (A) 200 ml (B) 250 ml
 (C) 300 ml (D) 500 ml
178. According to Modell the Fatal quantity of water inhalation in drowning is
 (A) 44 ml per KG body weight (B) 22 ml per KG body weight
 (C) Both (A) and (B) (D) None of the above
179. Hide and die syndrome occurs in:
 (A) Hypothermia (B) Hyperthermia
 (C) Drowning (D) Burns

180. "Glasgow smile" is a scar formed on
 (A) Edges of mouth to the ears (B) Over philtrum
 (C) Over chin (D) Over lips
181. Tapioca or casava contain the cyanogen :
 (A) Amygdalin (B) Azide
 (C) Linamarin (D) Emulsin
182. Fatal dose of datura:
 (A) One seed (B) 10 seeds
 (C) 50 seeds (D) 100 seeds
183. Upper limit of safety of CO in air:
 (A) 0.2% (B) 0.1%
 (C) 0.4% (D) 0.005%
184. Interest in rubbing or touching sexually opposite person's private part for sexual pleasure is known as ?
 (A) Frotteurism (B) Exhibitionism
 (C) Voyeurism (D) Eonism
185. A farmer ingested some unknown poisonous seeds and had pain and vomiting. Soon he developed paralysis of his lower limbs, which ascends till it affected the respiratory muscles and he died within two days. Identify the likely cause?
 (A) Abrusprecatorium (B) Conium maculatum
 (C) Solanum lycopersicum (D) Strychnine nux vomica
186. In Maastricht classification of donation after cardiac death which category is stage 3?
 (A) Brought in dead (B) Unsuccessful resuscitation
 (C) Awaiting cardiac arrest (D) Cardiac arrest after brainstem death
187. Hangman's fracture is
 (A) Fracture of lamina of C3 vertebra (B) Anterior sub luxation of C2 over C3
 (C) Anterior sub luxation of C3 over C4 (D) Fracture dislocation of C4 – C5
188. "Rat hole" appearance of entry wound of firearm is seen in:
 (A) Close range of shotguns (B) Near range of shotguns
 (C) Close range of rifles (D) Distant range of rifles
189. CV – One syndrome is
 (A) Rotational trauma to the head (B) Injury to the top of head
 (C) Hinge fracture (D) Ring fracture
190. Dried semen on cloths can be detected using
 (A) Infrared rays (B) Ultraviolet rays
 (C) Magnifying lens (D) Spectroscopy
191. The cause of death due to 'commando punch' is
 (A) Cardiac arrest (B) Asphyxia
 (C) Syncope (D) Vagal inhibition
192. The first country to legalise passive voluntary euthanasia and assisted suicide is
 (A) Netherland (B) England
 (C) Germany (D) Scotland

193. The manbrium fuses with the body of the sternum at
(A) 25 years (B) 40 years
 (C) 60 years (D) 65 years
194. The penis and scrotum are removed before puberty in
(A) Zenanas (B) Hijrahs
(C) Both (A) and (B) (D) True hermaphrodites
195. The normal thickness of the hymen is
 (A) One millimetre (B) Three millimetre
(C) Five millimetre (D) Ten millimetre
196. Hippus seen in which poisoning
(A) Ethyl alcohol (B) Methyl alcohol
 (C) Aconite (D) Nux vomica
197. Menstrual blood in a blood stained cloth is detected on the basis of:
(A) Detection of P30 antigen
 (B) Absence of fibrin content in it
(C) Detection of certain types of alkaline phosphatase
(D) Detection of lactogen
198. Caput succedaneum is absent in
(A) Precipitate labour (B) Breech presentation
(C) Dead born (D) All of the above
199. Foetal haemoglobin decreases to 8 to 9% by the end of
(A) One month after birth (B) Two month after birth
 (C) Three month after birth (D) Four month after birth
200. Cause of death in dry drowning is
(A) Asphyxia (B) Vagal inhibition
 (C) Acute laryngospasm (D) Head injury