

# AVI

## PROVISIONAL ANSWER KEY (CBRT)

Name of the post	Physician, Employees State Insurance Scheme, Class-1
Advertisement No.	31/2020-21
Preliminary Test held on	04-07-2021
Question No.	001 -200 (Concern Subject)
Publish Date	06-07-2021
Last Date to Send Suggestion(s)	13-07-2021
THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 07-07-2021; 12:00 PM ONWARDS	

## Instructions / સૂચન

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

- (1) ઉમેદવારે વાંધા-સૂચનો ફક્ત ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ દ્વારા જ સબમીટ કરવાના રહેશે. રૂબરૂ અથવા ટપાલ દ્વારા આયોગની કચેરીએ મોકલવા આવેલ વાંધા-સૂચનો ધ્યાને લેવામા આવશે નહીં જેની ખાસ નોંધ લેવી.
- (2) ઉમેદવારે વાંધા-સૂચનો રજૂ કરવા વેબસાઇટ / ઓનલાઇન ઓબ્જેક્શન સબમીશન સીસ્ટમ પર પ્રસિધ્ધ થયેલ નિયત નમૂનાનો જ ઉપયોગ કરવો.
- (3) ઉમેદવારે પોતાને પરીક્ષામાં મળેલ પ્રશ્નપુસ્તિકામાં છપાયેલ પ્રશ્નક્રમાંક મુજબ વાંધા-સૂચનો રજૂ કરતા તમામ વાંધા-સૂચનો વેબસાઇટ પર પ્રસિધ્ધ થયેલ પ્રોવિઝનલ આન્સર કી (માસ્ટર પ્રશ્નપત્ર)ના પ્રશ્ન ક્રમાંક મુજબ અને તે સંદર્ભમાં રજૂ કરવા.
- (4) માસ્ટર પ્રશ્નપત્રમાં નિર્દિષ્ટ પ્રશ્ન અને વિકલ્પ સિવાયના વાંધા-સૂચનો ધ્યાને લેવામાં આવશે નહીં.
- (5) ઉમેદવારે 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 ઉત્તરવહીનો જવાબ ભિન્ન હશે તો ઉમેદવારે રજૂ કરેલ વાંધા-સૂચનો ધ્યાનમા લેવાશે નહીં.
- (6) એક પ્રશ્ન માટે એક જ વાંધા-સૂચન પત્રક વાપરવું. એક જ વાંધા-સૂચનો પત્રકમાં એકથી વધારે પ્રશ્નોની રજૂઆત કરેલ હશે તો તે અંગેના વાંધા-સૂચનો ધ્યાને લેવાશે નહીં.

**Website link for online objection submission system : [http://150.129.165.5/GPSC\\_Suggestion/](http://150.129.165.5/GPSC_Suggestion/)**

001. Which of the following is Not a Framingham major criteria for the diagnosis of heart failure?  
(A) Paroxysmal nocturnal dyspnea (B) Cardiomegaly  
(C) S3 gallop (D) Hepatomegaly
002. Digoxin toxicity is enhanced by all of the following except?  
(A) Renal insufficiency (B) Hyperkalemia  
(C) Hypomagnesemia (D) Acidosis
003. Extracorporeal photopheresis is used in the management of which of the following malignancies?  
(A) Squamous cell carcinoma (B) Mycoses fungoides  
(C) Melanoma (D) Keratoacanthoma
004. Recalcitrant pustular acne is treated by \_\_\_\_\_?  
(A) Oral erythromycin (B) Topical steroids  
(C) Oral retinoids (D) Oral tetracyclines
005. Pulsus bisferiens is felt in which condition?  
(A) Mitral stenosis (B) Mitral regurgitation  
(C) Advanced aortic regurgitation (D) Advanced tricuspid regurgitation
006. Carey Coomb murmur is present in which condition?  
(A) Severe mitral stenosis (B) Acute rheumatic carditis  
(C) severe Pulmonary hypertension (D) Aortic stenosis
007. Ventricular tachycardia is represented by all, except  
(A) Narrow QRS complex (B) Atrioventricular dissociation  
(C) Hemodynamic instability is often present (D) Capture beats
008. What is the drug of choice for paroxysmal supraventricular tachycardia?  
(A) Adenosine (B) Propranolol  
(C) Lignocaine (D) Digoxin
009. All of the following are the ECG features of hyperkalemia, except?  
(A) Peaked T waves (B) Presence of U waves  
(C) Sine wave form (D) Loss of P waves
010. Which of the following is the cause for restrictive cardiomyopathy?  
(A) Alcohol (B) Thiamine deficiency  
(C) Amyloidosis (D) Peripartum cardiomyopathy
011. Which of the following changes is a characteristic nail change of lichen planus?  
(A) Pitting (B) Thinning of Nail Plate  
(C) Nail Pterygium (D) Oil drop sign
012. What is drug of choice in severe Erythema Nodosum Leprosum (ENL)?  
(A) Steroids (B) Thalidomide  
(C) Clofazimine (D) Dapsone
013. In valvular aortic stenosis, all of the following are cardinal symptoms except?  
(A) Angina (B) Syncope  
(C) Dyspnea (D) Palpitations

014. Which congenital heart disease is associated with Pre-excitement phenomenon?  
 (A) Atrial septal defect (B) Bicuspid aortic valve  
 (C) Ebstein's Anomaly (D) Patent ductus arteriosus
015. Which of the following is the hallmark of hypothermia?  
 (A) Prominent U waves (B) Inverted T waves  
 (C) Bizarre QRS complex (D) Osborn J waves
016. What is the most common form of presentation of Pure Neuritic form of Leprosy?  
 (A) Symmetric involvement of multiple nerves  
 (B) Asymmetric involvement of multiple nerves  
 (C) Nerve abscess  
 (D) Mononeuritis
017. Which of the following signs will favour psychogenic stupor more than organic stupor?  
 (A) Low dose of amytal increases stupor (B) Doll's head eye phenomenon is present  
 (C) Resistance to eye opening present (D) Blepharospasm absent
018. Things that a person says or does to disclose himself as having the status of a man or boy, woman or girl is called?  
 (A) Sexual behaviour  (B) Gender role  
 (C) Sexual orientation (D) Gender identity
019. Carcinoid syndrome produces valvular disease primarily involving which valve?  
 (A) Pulmonary valve  (B) Tricuspid valve  
 (C) Mitral valve (D) Aortic valve
020. Aortic dissection is seen in?  
 (A) Down's syndrome (B) Klinefilter's syndrome  
 (C) Turner's syndrome (D) Marfan's syndrome
021. All are subcortical dementias except?  
 (A) Pick's disease (B) Parkinson's disease  
 (C) Huntington's disease (D) Wilson's disease
022. Flashback phenomenon is more commonly seen in?  
 (A) Barbiturates (B) Benzodiazepines  
 (C) Cannabis (D) Cocaine
023. All of the following are associated with reverse splitting of second heart sound except?  
 (A) Left bundle branch block  
 (B) Complete heart block with right ventricular pacing  
 (C) Mitral regurgitation  
 (D) Aortic stenosis
024. Angiotensin converting enzyme inhibitor induced cough is mediated by?  
 (A) Bradykinin (B) Substance P  
 (C) Prostaglandins (D) Serotonin
025. Uninfected Vegetations in malignancy and hypercoagulable state are seen in?  
 (A) Acute rheumatic carditis  (B) Marantic endocarditis  
 (C) Post cardiac surgery endocarditis (D) Chronic rheumatic carditis

026. Which is a feature of high altitude pulmonary edema?  
 (A) Non cardiogenic pulmonary edema  
 (B) Cold has protective effect  
 (C) Hyperbaric therapy has a very limited role  
 (D) Exercise has no effect
027. The hypothesis in which one X chromosome, maternal or paternal, is randomly inactivated during the development is called?  
 (A) Lyon (B) Hardy  
 (C) Maxwell (D) Smith
028. Typical irregular narrowing, stenosis, post stenotic dilatation, occlusion of vessel on angiography is seen in?  
 (A) Takayasu's disease (B) Non - specific aorto - arteritis  
 (C) Fibromuscular dysplasia (D) Rendu - Osler - Weber disease
029. All of the following are features of fragile x syndrome except?  
 (A) Trinucleotide mutation in fmr-1 gene (B) Mental retardation  
 (C) Microorchidism (D) Large everted ears
030. True statement regarding multifocal atrial tachycardia?  
 (A) Seen in patients with chronic obstructive lung disease  
 (B) It is a complication of pacemaker  
 (C) Rate is usually more than 300/minute  
 (D) More than four distinct P wave morphology
031. The syndrome in which deletion affects the paternal allele in chromosome 15 is?  
 (A) Angelman syndrome (B) Fragile X syndrome  
 (C) Prader-willi syndrome (D) Friedreich ataxia
032. 1st clinical sign of Vit A deficiency?  
 (A) Night blindness  (B) Conjunctival xerosis  
 (C) Bitot's spots (D) Keratomalacia
033. A patient had an inferior wall myocardial infarction and was in shock. The likely reason for the shock is?  
 (A) Mitral regurgitation (B) Infarction causing septal defect  
 (C) Right ventricular infarction (D) Decreased ejection fraction from left ventricle
034. All of the following statements regarding the ECG in acute pericarditis are true except?  
 (A) T wave inversion develops before ST segment elevation returns to baseline  
 (B) Global ST elevation is seen in early pericarditis  
 (C) Sinus tachycardia is a common finding  
 (D) PR segment depression is seen in majority of patients
035. Vitamin B12 is involved in the formation of which coenzyme?  
 (A) NAD, NADP  (B) FMN, FAD  
 (C) NAD, FAD (D) NADP, FMN
036. In myocardial infarction, which enzyme is raised in 4 to 8 hours and decreases in 2 to 3 days?  
 (A) SGOT (B) Troponin I  
 (C) CPK - MB (D) SGPT

037. Keshan cardiomyopathy is seen in which deficiency?  
 (A) Zinc (B) Iron  
 (C) Selenium (D) Copper
038. Most common paraneoplastic endocrine syndrome is?  
 (A) Cushing's syndrome (B) Hypoglycaemia  
 (C) Hypercalcemia (D) Polycythemia
039. Which of the following herpes virus is associated with kaposi's sarcoma?  
 (A) HHV 1 (B) HHV 6  
 (C) HHV 8 (D) HHV 7
040. All are true about Tetralogy of Fallot except?  
 (A) Most common cyanotic congenital heart disease  
 (B) Surgical goal is to alleviate pulmonary stenosis and close ventricular septal defect  
 (C) Arrhythmias are uncommon with advanced age  
 (D) Pulmonary valve replacement may be needed at a later stage
041. A young asymptomatic female has a midsystolic click on routine visit. Mitral valve is likely to show which of the following?  
 (A) Myxomatous degeneration (B) Aschoff bodies  
 (C) Calcific degeneration (D) Ruptured chordae tendinae
042. Which one of the following is not a feature of "Restrictive cardiomyopathy"?  
 (A) Predominantly systolic dysfunction at early stage  
 (B) Kussmaul's sign may be present  
 (C) Infiltrative disorders affecting the heart is the cause  
 (D) Significant dilatation of both atria
043. Beck's triad is seen in?  
 (A) Constrictive Pericarditis  (B) Cardiac tamponade  
 (C) Right myocardial infarction (D) Restrictive cardiomyopathy
044. Digoxin overdose causes all of the following except?  
 (A) Gastrointestinal symptoms (B) Atrioventricular block  
 (C) Ventricular tachyarrhythmias  (D) Kidney failure
045. Ewing sarcoma typically involves which region?  
 (A) Diaphysis of long bones (B) Metaphysis of long bones  
 (C) Diaphysis of short bones (D) Metaphysis of short bones
046. In type II respiratory failure, there is \_\_\_\_\_?  
 (A) Low pO<sub>2</sub> and low pCO<sub>2</sub>  (B) Low pO<sub>2</sub> and high pCO<sub>2</sub>  
 (C) high pO<sub>2</sub> and high pCO<sub>2</sub> (D) Low pO<sub>2</sub> and normal pCO<sub>2</sub>
047. In cystic fibrosis, most common organism which requires chronic maintenance treatment is?  
 (A) Pseudomonas (B) Staphylococcus  
 (C) Klebsiella (D) Streptococcus
048. Pleural effusion with increased amylase is characteristically seen in ?  
 (A) Malignancy (B) Tuberculosis  
 (C) Esophageal rupture (D) Rheumatoid Arthritis

049. Which of the following statement is not Correct about chronic obstructive pulmonary disease?  
 (A) Respiratory flow rates are decreased (B) Forced expiratory volume is decreased  
 (C) Residual volume is decreased (D) Non uniform distribution of ventilation
050. Most common predisposing factor for chronic obstructive pulmonay disease?  
 (A) Environment  (B) Smoking  
 (C) Allergen (D) infection
051. Which tumor causes consumptive hypothyroidism?  
 (A) Colon CA  (B) Hepatic hemangioma  
 (C) CA prostate (D) Ovarian tumor
052. Common presenting symptom of Pneumocystis jiroveci is?  
 (A) Cavity on chest X ray (B) Hemoptysis  
 (C) Breathlessness (D) Purulent sputum
053. All of the following organisms cause interstitial pneumonia pattern rather than lobar except?  
 (A) Pneumocystis jiroveci  
 (B) Viral pneumonia  
 (C) Micro aspiration in ventilator associated pneumonia  
 (D) Hemophilus influenzae
054. Carcinogen associated with lung cancer specifically in miners is?  
 (A) Diesel exhaust (B) Nickel dust  
 (C) Phenacetin (D) Nitrogen mustard gas
055. Which of the following is the most common initial symptom of Byssinosis?  
 (A) Chest tightness (B) Wheezing  
 (C) Cough (D) Haemoptysis
056. Which of the translocation of oncogenes are present in Prostate malignancy?  
 (A) Chr 21 q 22 (B) Chr 22 q 21  
 (C) Chr 20 q 21 (D) Chr 21 q 20
057. Monoclonal antibody against IgE, used in Bronchial Asthma is?  
 (A) Omalizumab (B) Mepolizumab  
 (C) Azelastin (D) Reslizumab
058. The tumor derived from C cells of thyroid is?  
 (A) Follicular carcinoma (B) Papillary carcinoma  
 (C) Medullary carcinoma (D) Anaplastic carcinoma
059. Charcot-Leyden crystals are derived from?  
 (A) Eosinophils (B) Basophils  
 (C) Neutrophils (D) Bronchial goblet cells
060. All of the following are seen in Tumor lysis syndrome except?  
 (A) Hyperkalemia  (B) Hypercalcemia  
 (C) Hyperuricemia (D) Hyperphosphatemia
061. The most common cause for allergic Bronchopulmonary Aspergillosis is?  
 (A) Aspergillus fumigatus (B) Aspergillus clavatus  
 (C) Aspergillus flavus (D) Aspergillus niger

062. Shrinking lung syndrome is seen in  
 (A) SLE  (B) Rheumatoid arthritis  
 (C) Scleroderma  (D) Sarcoidosis
063. Commonest site of primary lung abscess is?  
 (A) Posterior segment of right upper lobe  (B) Lingula  
 (C) Posterior segment of left lower lobe  (D) Posterior segment of right middle lobe
064. Type I MEN involves all EXCEPT?  
 (A) Pancreas  (B) Adrenal  
 (C) Pituitary  (D) Parathyroid
065. Which of the following is most commonly involved in Hypersensitivity vasculitis?  
 (A) Capillaries  (B) Arterioles  
 (C) Post-capillary venules  (D) Medium sized arteries
066. Cavitating lesion in lung is seen in?  
 (A) PAN  (B) SLE  
 (C) Wegner's granulomatosis  (D) Sjogren syndrome
067. Most important prognostic factor for colorectal carcinoma is?  
 (A) Site of lesion  (B) Stage of lesion  
 (C) Age of patient  (D) Lymph node status
068. ANCA is not associated with which of the following diseases?  
 (A) Wegener's granulomatosis  (B) Henoch Schonlein purpura  
 (C) Microscopic PAN  (D) Churg Strauss syndrome
069. Commonest type of lung carcinoma in non-smokers is?  
 (A) squamous cell carcinoma  (B) Adenocarcinoma  
 (C) Alveolar cell carcinoma  (D) Small cell carcinoma
070. Rasmussen's aneurysm involves which of the following?  
 (A) Bronchial artery  (B) Pulmonary artery  
 (C) Vertebral artery  (D) Posterior intercostal artery
071. Charcot's joint includes all of the following except?  
 (A) Syringomyelia  (B) Leprosy  
 (C) Diabetes  (D) Arthrogryposis multiplex congenita
072. Aspirin sensitive asthma is associated with?  
 (A) Positive skin test  (B) Seasonal variation  
 (C) Nasal polyp  (D) Extrinsic asthma
073. The type of arteritis which may lead to myocardial infarction in children is?  
 (A) Kawasaki disease  (B) Takayasu arteritis  
 (C) Polyarteritis nodosa  (D) Macroscopic polyangitis
074. The minimum score for Glasgow Coma Scale for head injury is \_\_\_\_\_?  
 (A) 0  (B) 1  
 (C) 2  (D) 3

075. Which of the following is the most common antecedent infectious cause of Guillain-Barre syndrome?  
 (A) HIV (B) mycoplasma pneumoniae  
 (C) campylobacter jejuni (D) Epstein bar virus
076. Risk factors for Nosocomial pneumonia are all of the following except?  
 (A) Prior antimicrobial treatment  
 (B) Increased gastric acidity  
 (C) Contaminated equipments or ventilatory circuits  
 (D) Decreased level of consciousness
077. The most common type of headache is \_\_\_\_\_?  
 (A) migraine with aura  (B) tension type headache  
 (C) migraine without aura (D) primary excise headache
078. In acute pulmonary embolism, the most frequent ECG finding is?  
 (A) S1Q3T3pattern (B) P Pulmonale  
 (C) Sinus tachycardia (D) Right axis deviation
079. Which of the following crosses blood brain barrier?  
 (A) dopamine  (B) levodopa  
 (C) both (A) and (B) (D) none of the above
080. All of the following are seen in Acute respiratory distress syndrome except?  
 (A) Pulmonay edema (B) Hypoxia  
 (C) Hypercapnia (D) Stiff lung
081. Which drug is approved for restless leg syndrome?  
 (A) rimonabant  (B) ropinirole  
 (C) riluzole (D) rilmendine
082. Amyotrophic lateral sclerosis involves \_\_\_\_\_?  
 (A) anterior horn cells + corticospinal tract (B) anterior horn cells  
 (C) posterior horn cells (D) ventral root ganglia
083. Drug of choice for myasthenia gravis?  
 (A) edrophonium (B) prednisone  
 (C) intravenous immunoglobulin (D) pyridostigmine
084. Common Adverse Drug Reaction (ADR) in old age due to Anticholinergics is?  
 (A) Diarrhoea  (B) Delirium and cognitive impairment  
 (C) Excessive oral secretions (D) Bradycardia
085. Common Adverse Drug Reaction (ADRs) due to opioids in elderly include all EXCEPT?  
 (A) Nausea (B) Delirium  
 (C) Urinary retention (D) Diarrhoea
086. Common cause of hyponatremia in elderly is?  
 (A) Water restriction  (B) Thiazide diuretic  
 (C) Effervescent preparations (D) Beta blockers



087. At which of the following location does a Berry aneurysm have the highest risk of rupture?  
 (A) origin of posterior communicating artery (B) origin of anterior cerebral artery  
 (C) MCA (D) anterior communicating artery
088. For cells of islets of Langerhans, which of the following is correctly matched?  
 (A) Beta cells - somatostatin (B) Delta cells - glucagon  
 (C) F cells - pancreatic polypeptide (D) Alpha cells - insulin
089. Which of the following hormones is secreted by the zone glomerulosa?  
 (A) aldosterone (B) testosterone  
 (C) cortisol (D) epinephrine
090. All of the following vaccines are recommended for elderly by Center for disease control, except?  
 (A) Influenza (B) Shingels  
 (C) Meningococcus (D) Pneumococcus
091. The half-life of insulin is \_\_\_\_\_ minutes?  
 (A) 1-2  (B) 4-6  
 (C) 10-12 (D) 12-16
092. The changes in mitochondria that occur with aging are all Except?  
 (A) Number of mitochondria in cells decreases  
 (B) Size of the mitochondria decreases  
 (C) Accumulation of free radicals  
 (D) Vacuolization and disrupted cristae
093. Which of the following vitamins have a hormonal action?  
 (A) niacin (B) pyridoxine  
 (C) vitamin D (D) riboflavin
094. All of the following are causes of urinary incontinence in the elderly EXCEPT?  
 (A) Parietal lobe disease (B) Diuretic therapy  
 (C) Urinary tract infection (D) Severe constipation
095. Which of the following is the active form of calcium?  
 (A) ionised (B) albumin bound  
 (C) phosphate bound (D) protein bound
096. Physiological changes of ageing in Respiratory System are all EXCEPT?  
 (A) Reduced cough and ciliary action  (B) Increased lung elasticity  
 (C) Increased dead space (D) Increased chest wall rigidity
097. As per Fried Frailty Score, patient is defined as frail if the score is more than?  
 (A) 3 (B) 4  
 (C) 5 (D) 6
098. Which of the following is inflammatory marker of dementia and frailty in elderly ?  
 (A) Erythrocyte sedimentation rate (B) C Reactive protein  
 (C) Interleukin 6 (D) Leucocytosis
099. Which of the following is long-acting glucocorticoid?  
 (A) triamcinolone (B) prednisolone  
 (C) dexamethasone (D) hydrocortisone

100. One of the most important and robust intervention that delays aging is?  
 (A) Caloric restriction  (B) Resveratrol  
 (C) Rapamycin  (D) Spermidine
101. Drugs not useful in the management of patients with urinary incontinence includes?  
 (A) Oxybutynin  (B) Loperamide  
 (C) Oestrogen  (D) Tamsulosin
102. Which of the following is not a common cause of recurrent falls in elderly?  
 (A) Drop attacks  (B) Vasovagal syncope  
 (C) Postural hypotension  (D) Progressive supranuclear palsy
103. The drug of choice for treatment of thyrotoxicosis during 1st trimester of pregnancy is \_\_\_\_\_?  
 (A) methimazole  (B) carbimazole  
 (C) prophythiouracil  (D) radioactive iodine
104. Process of Autophagy takes place in?  
 (A) Lysosomes  (B) Mitochondria  
 (C) Golgi apparatus  (D) Nucleus
105. Which of the following effects does Amiodarone have on the thyroid gland?  
 (A) Goitre  (B) Hypothyroidism  
 (C) Hyperthyroidism  (D) All of the above
106. Which of the following micro RNA (miR) specifically linked with aging?  
 (A) miR 11  (B) miR 21  
 (C) miR 30  (D) miR 40
107. The most common cause of Cushing's syndrome is?  
 (A) pituitary adenoma  (B) adrenal adenoma  
 (C) ectopic ACTH  (D) iatrogenic corticosteroids
108. Daily protein requirement in healthy elderly is?  
 (A) 3 g/Kg/day  (B) 0.15 g/kg/day  
 (C) 1 g/kg/day  (D) None of the above
109. Regarding hypertension management in elderly, all are true Except?  
 (A) Patient centred approach  
 (B) Tight control to less than 130 mm of Hg is warranted in stroke patients  
 (C) Postural hypotension is common  
 (D) Higher systolic target (<150mm of Hg) is acceptable in heart failure patients
110. Atypical chest pain of reflux esophagitis is often precipitated by?  
 (A) Consumption of food  (B) Change of posture  
 (C) Induction of vomiting  (D) Attacks of emotional stress
111. Imaging of choice in parathyroid pathology is?  
 (A) CT Scan  (B) Gillium Scan  
 (C) Thallium Scan  (D) Technetium-99 sestamibi scan
112. Serum Alkaline Phosphatase is increased in all of the following conditions except?  
 (A) Paget's disease of bone  (B) Hodgkin's lymphoma  
 (C) Sclerosing cholangitis  (D) Gilbert's syndrome

113. Regarding *Helicobacter pylori*, which of the following statement is false?  
 (A) Gram negative bacillus  
 (B) Multiflagellated  
 (C) It penetrates within the epithelial cells of stomach  
 (D) Often resides in the dental plaques of the patient
114. MODY2 is due to mutation in?  
 (A) HNF 1 alpha  
 (B) Glucokinase  
 (C) HNF 4 alpha  
 (D) Neuro D 1
115. Increased Anion gap is seen in all except?  
 (A) Fistula  
 (B) Starvation  
 (C) Ethylene glycol poisoning  
 (D) Phenformin
116. Most common cause of death in patients on chronic dialysis?  
 (A) uremia  
 (B) infection  
 (C) cardiovascular disease  
 (D) malnutrition
117. Which of the following is most sensitive for detecting diabetic nephropathy in early stage?  
 (A) microalbuminuria  
 (B) creatinine clearance test  
 (C) ultrasonography  
 (D) serum creatinine level
118. Non oliguric renal failure occurs due to?  
 (A) damage to afferent arteriole  
 (B) damage to efferent arteriole  
 (C) damage to ascending limb of loop of henle  
 (D) damage to collecting duct
119. Gastrin is predominantly secreted from?  
 (A) Pyloric and Antral mucosa  
 (B) Fundus of the stomach  
 (C) 2nd Part of the duodenum  
 (D) Jejunum
120. Mallory - Weiss syndrome is commonly seen accompanying?  
 (A) Reflux esophagitis  
 (B) Oesophageal carcinoma  
 (C) Alcoholism  
 (D) Hiatal hernia
121. Complication of diuretic phase of acute renal failure is?  
 (A) convulsion  
 (B) Hyperkalemia  
 (C) increased sodium excretion in urine  
 (D) Metabolic Alkalosis
122. Investigations of choice for ureteric stone?  
 (A) CT scan  
 (B) USG  
 (C) MIBG scan  
 (D) DMSA scan
123. Triad of saturnine gout + hypertension + renal failure is seen in?  
 (A) diabetic nephropathy with hyporeninemic hypoaldosteronism  
 (B) lead nephropathy  
 (C) sickle cell nephropathy  
 (D) aristolochic acid nephropathy

124. Hypoproliferative anemias include all except \_\_\_\_\_?
- (A) Iron deficiency anemia (B) Anemia due to chronic inflammation  
 (C) Sickle cell anaemia (D) Megaloblastic anaemia
125. Lifespan of platelet is?
- (A) 24 hrs (B) 5 days  
 (C) 7 days (D) 2 weeks
126. Pseudothrombocytopenia is seen in which of the following blood samples?
- (A) EDTA (B) sodium nitrate  
 (C) heparin (D) finger stick
127. All of the following can produce intestinal pseudo obstruction except?
- (A) Scleroderma (B) Paraneoplastic consequence  
 (C) Hyperthyroidism (D) Amyloidosis
128. Tropical sprue is associated with all except?
- (A) Malabsorption  
 (B) Folate deficiency  
 (C) Prominent mononuclear cell infiltrate in lamina propria  
 (D) Treatment is done satisfactorily by intestinal resection
129. All are recognised complications of inflammatory bowel disease except?
- (A) Erythema nodosum (B) Pyoderma gangrenosum  
 (C) Pyoderma vegetans  (D) Erythema marginatum
130. Most common bleeding manifestation seen in severe haemophilia is?
- (A) Recurrent hematomas  (B) Recurrent hemarthrosis  
 (C) Hematuria (D) Intracranial haemorrhage
131. Regarding ulcerative colitis, which of the following is true?
- (A) Segmental involvement is common (B) Granuloma and fistula are very characteristic  
 (C) Cryptitis and crypt abscesses are typical (D) Granulomas are seen on histopathology
132. The inheritance of cystic fibrosis is?
- (A) Sex linked recessive  (B) Autosomal recessive  
 (C) Sex linked dominant (D) Autosomal dominant
133. Pseudomembranous colitis is best treated by?
- (A) Vancomycin (B) Clindamycin  
 (C) Tobramycin (D) Erythromycin
134. The major site of bile acid absorption is?
- (A) Stomach (B) Duodenum  
 (C) Proximal small intestine  (D) Distal small intestine
135. String sign in Crohn's disease is due to?
- (A) Fistula  (B) Spasm  
 (C) Pseudopolyps (D) dilatation
136. Most sensitive test for disseminated intravascular coagulation is?
- (A) Fibrin degradation product level (B) Fibrinogen assay  
 (C) D-Dimer assay (D) aPTT

137. The most common cause of renal failure in multiple myeloma is \_\_\_\_\_?
- (A) light chain deposition (B) amyloidosis  
(C) hyperurcemia (D) hypercalcemia
138. *Giardia lamblia* infestation produces all of the following except?
- (A) Abdominal pain (B) Blood in the stool  
(C) Diarrhoea (D) Vomiting
139. Which of the following may develop into intestinal lymphoma?
- (A) Coeliac disease (B) Ulcerative colitis  
(C) Eosinophilic enteritis (D) Intestinal lymphangiectasia
140. All of the following may cause Traveller's diarrhoea except?
- (A) Enterotoxigenic *E.coli* (B) *Campylobacter jejuni*  
(C) Noro virus (D) *Clostridium difficile*
141. Lacunar Reed-Sternberg cell is seen in?
- (A) lymphocyte depleted Hodgkin disease  
(B) lymphocyte rich Hodgkin disease  
(C) nodular sclerosis classical Hodgkin disease  
(D) none of the above
142. The most common extranodal site for Non-Hodgkin's lymphoma is?
- (A) CNS (B) stomach  
(C) small intestine (D) oesophagus
143. Which of the following is the most specific test for the diagnosis of heparin-induced thrombocytopenia?
- (A) clinical history and examination (B) platelet activation assay  
(C) heparin p4 complex assay (D) serotonin release assay
144. Which of the following is not ocular manifestation of ulcerative colitis?
- (A) Uveitis (B) Cataract  
(C) Conjunctivitis (D) Episcleritis
145. Which of the following conditions predisposes to acute myeloid leukemia (AML)?
- (A) Down's syndrome (B) Ataxia telangiectasia  
(C) Alkylating agents (D) All of the above
146. Commonest site of carcinoid syndrome is?
- (A) Midgut (B) Foregut  
(C) Hindgut (D) Unknown
147. One of the earliest manifestation of cystic fibrosis?
- (A) Gram negative sepsis (B) Malabsorption syndrome  
(C) Meconium ileus (D) Tetany
148. Isolated deletion of which chromosome causes MDS?
- (A) 2q (B) 5q  
(C) 8q (D) 11q

149. Complications of Blood transfusion are all except?  
(A) Hypocalcemia (B) Citrate toxicity  
(C) Hypothermia (D) Hypercalcemia
150. All of the following are features of Scleroderma except?  
(A) Dysphagia (B) Raynaud's Phenomenon  
(C) Skin contracture (D) Calcification in long bones
151. Anti saccharomyces cervisiae antibody (ASCA) is classically present in?  
(A) Primary sclerosing cholangitis (B) Crescentic glomerulonephritis  
(C) Wegener's granulomatosis (D) Inflammatory bowel disease
152. The ulcers developing in stomach after severe burns are called as?  
(A) Cushing's ulcers (B) Curling's ulcers  
(C) Aphthous ulcers (D) Buruli ulcers
153. Faecal assay of alpha 1 antitrypsin helps in diagnosis of?  
(A) Cirrhosis of liver (B) Irritable bowel syndrome  
(C) Protein losing enteropathy (D) Chronic pancreatitis
154. Which is true regarding Vincent's angina?  
(A) Superficial ulcers in mouth  
(B) May be complicated by angina pectoris  
(C) Hiatus hernia may be associated with  
(D) Gum,submental and submandibular areas are affected
155. Classic triad of Flushing, diarrhoea, valvular heart disease denotes which condition?  
(A) Glucagonoma (B) Insulinoma  
(C) Carcinoid syndrome (D) Gardner's syndrome
156. Which one of the following is single most important marker for acute pancreatitis?  
(A) Serum Lipase (B) Serum amylase  
(C) Serum secretin (D) Ascitic fluid amylase
157. True about Whipple's disease is all except?  
(A) Caused by T. Whippeli  
(B) PAS positive macrophages in intestinal mucosa  
(C) Dementia is early manifestation  
(D) Treatment is with ceftriaxone or meropenem
158. Gold standard for evaluation of chronic liver disease is?  
(A) USG abdomen (B) Liver biopsy  
(C) Liver function tests (D) CT abdomen
159. Kayser-Fleischer ring on ocular examination is seen which condition?  
(A) Wilson's disease (B) perihepatitis  
(C) Hepatoma (D) Hemochromatosis
160. Predominant unconjugated hyperbilirubinemia occurs in all except?  
(A) Megaloblastic anemia (B) Dubin-Johnson syndrome  
(C) Gilbert's syndrome (D) Crigler-Najjar syndrome

161. Bedside clue to diagnosis of obstructive jaundice includes all except?  
 (A) Generalised pruritus (B) Palpable gall bladder  
 (C) High coloured stools (D) Steatorrhea
162. One unit of Factor VIII/kg body weight increases the plasma VIII levels by \_\_\_\_\_?  
 (A) 30% (B) 20%  
 (C) 10%  (D) 2%
163. The drug of choice of atypical mycobacterial tuberculosis in HIV is?  
 (A) Clarithromycin (B) Isoniazid  
 (C) Pyrizinamide (D) Ethionamide
164. Child- Pugh score includes all of the following except?  
 (A) Prothrombin time (B) Hepatic encephalopathy  
 (C) Serum bilirubin  (D) Serum aspartate aminotransferase
165. The most common non-Hodgkin lymphoma in India is?  
 (A) burkitts lymphoma  (B) diffuse large b cell lymphoma  
 (C) mantle cell lymphoma (D) marginal zone lymphoma
166. Which of the following clotting factor is not produced in liver?  
 (A) II (B) VII  
 (C) IV (D) V
167. Which of the following is not a feature of thrombotic thrombocytopenic purpura?  
 (A) hemolytic anaemia (B) focal neurological deficit  
 (C) venous thromboembolism (D) elevated serum creatinine
168. Which of the following is not present in autoimmune hepatitis?  
 (A) Anti smooth muscle antibody (B) Anti LKM1 antibody  
 (C) Elevated transaminases  (D) Hypogammaglobulinemia
169. Which is not true so far as definition of cirrhosis?  
 (A) Fatty infiltration (B) Architectural distortion  
 (C) Fibrosis (D) Regeneration
170. Most frequent blood transfusion reaction is?  
 (A) Febrile nonhemolytic transfusion reaction  
 (B) Hemolysis  
 (C) Transmission of infection  
 (D) Electrolyte imbalance
171. The false statement about Spider naevi is?  
 (A) Are pathognomonic of chronic liver disease and portal hypertension only  
 (B) May be seen occasionally in healthy adults  
 (C) Seen during pregnancy  
 (D) Typically seen in arms, upper trunk

172. Chvostek sign is?  
 (A) twitching of circumoral muscles on tapping of facial nerve  
 (B) involuntary blink on tapping facial nerve  
 (C) inability to open eye on tapping facial nerve  
 (D) inability to close eye on tapping facial nerve
173. Chronic active hepatitis may be associated with all of the following except?  
 (A) Fatigue  (B) Anorexia  
 (C) Jaundice  (D) Haematemesis
174. Acute renal failure results in?  
 (A) Hyperkalemic Alkalosis  (B) Hypokalemic Alkalosis  
 (C) Hyperkalemic acidosis  (D) Hypokalemic Acidosis
175. Which of the following antibiotic not used in pneumonia due to Methicillin resistant staphylococcus aureus?  
 (A) vancomycin  (B) Daptomycin  
 (C) Linezolid  (D) None of the above
176. All of the following is true about splenectomized patient except?  
 (A) At risk of overwhelming bacterial sepsis  
 (B) Most of the infections occur within 1 to 2 years of splenectomy  
 (C) Most common microorganisms are noncapsulated gram negative bacilli  
 (D) Vaccination is useful for decreasing mortality
177. The causative microorganism for Erysipelas is?  
 (A) Methicillin sensitive Staphylococcus aureus  
 (B) Pseudomonas aeruginosa  
 (C) Strptococcus pyogenes  
 (D) Hemophilus influenzae
178. Buruli ulcer is caused by?  
 (A) Mycobacterium ulcerance  (B) Mycobacterium kansasii  
 (C) Bacillus anthracis  (D) Mycobacterium avium intracellulare
179. Regarding necrotising fasciitis, following is not true?  
 (A) caused by aerobic as well as anaerobic organisms  
 (B) Renal impairment can occur  
 (C) can rapidly develop septic shock  
 (D) Early surgical management is not needed usually
180. Regarding Bacillary angiomatosis which is not true  
 (A) Caused by Bartonella henselae  
 (B) Primary treatment is by cefixime  
 (C) Erythromycin is drug of choice  
 (D) Originally was described in HIV positive patients
181. Which of the following is not a feature of chronic renal failure?  
 (A) hyperparathyroidism  (B) hyperthyroidism  
 (C) decreased vitamin d  (D) osteomalacia



182. Which of the following presents with markedly painful penile lesion or ulcer?  
 (A) Chancroid  (B) Granuloma inguinale  
 (C) Lymphogranuloma venereum  (D) Genital warts
183. Which of the following is not the criteria of qSOFA (quick sequential organ failure) score  
 (A) Hypotension with systolic Blood pressure <100 mm of Hg  
 (B) Heart rate >120/Minute  
 (C) Altered mental state, Glasgow coma scale <15  
 (D) Respiratory rate >22
184. Which is true of Herpes infection?  
 (A) It is an RNA virus  
 (B) All recurrent oral herpes labialis in adults are primary infection  
 (C) Herpes simplex encephalitis mainly affects temporal lobe  
 (D) In case of infection of the eye, corneal blindness is rare
185. Intravenous fluid preferred for hydration in pre- renal AKI?  
 (A) Hydroxyethyl starch  (B) dextran  
 (C) 0.9% NaCl  (D) albumin
186. Regarding measles which is incorrect?  
 (A) Koplik spots are brief and typical  
 (B) It is highly infectious  
 (C) Pneumonia is common in unvaccinated or immunocompromised person  
 (D) Subacute sclerosing panencephalitis (SSPE) is an early complication
187. Most common cause for dementia in elderly is?  
 (A) Lewy body dementia  (B) Alzheimer's dementia  
 (C) vascular dementia  (D) Parkinson's disease associated dementia
188. A 60 year old male patient was started on dialysis. All of the following symptoms improve with dialysis except ?  
 (A) pulmonary oedema  (B) metabolic acidosis  
 (C) uraemic gastritis  (D) renal osteodystrophy
189. Best modality of treatment for stress incontinence in elderly is?  
 (A) Alpha adrenergic blockers  (B) Diuretics  
 (C) Pelvic muscle exercise (Kegel exercise)  (D) Intermittent self-catheterisation
190. The type of sensation lost on the same side in Brown-Sequard syndrome is?  
 (A) pain  (B) crude touch  
 (C) proprioception  (D) temperature
191. The most common extra pulmonary site of tuberculosis?  
 (A) Tuberculous pleural effusion  (B) Tuberculous meningitis  
 (C) Potts's spine  (D) Tuberculous lymphadenitis
192. Cerebellar Ataxia is characterized by all except \_\_\_\_\_?  
 (A) resting tremor  (B) dysdiadochokinesis  
 (C) ataxia  (D) hypotonia

193. Window period for thrombolysis in case of stroke?  
(A) 1.5 hours (B) 2.5 hours  
(C) 3.5 hours (D) 4.5 hours
194. All of the following are nucleotide reverse transcriptase inhibitors used in HIV treatment except?  
(A) Zidovudine (B) Lamivudine  
(C) Abacavir (D) Efavirenz
195. Causative organism of Scrub typhus is?  
(A) *C. burnetti* (B) *O. tsutsugamushi*  
(C) *R. Rickettsii* (D) *R. prowazaki*
196. Pontiac fever is caused by?  
(A) *Legionella Pneumophila* (B) *Chlymadia*  
(C) *Spirochetes* (D) *Mycoplasma*
197. Which is false about Acute Disseminated encephalomyelitis (ADEM)?  
(A) it is an immune response to an infectious agent or vaccine  
(B) autoantibodies to the myelin basic protein can be found  
(C) seizures do not occur commonly  
(D) cerebellar involvement is seen in post varicella ADEM
198. Urinary eosinophilia is feature of?  
(A) renal vein thrombosis (B) atheroembolic kidney disease  
(C) gaucher disease (D) myeloma kidney
199. Which of the following is the typical ECG sign of hypokalemia?  
(A) Peaked T waves (B) Presence of U waves  
(C) Depression of PR segment (D) ST segment elevation
200. Regarding Tako-tsubo cardiomyopathy which of the following is not true ?  
(A) Characterised by apical ballooning (B) Often stress induced  
(C) Occurs typically in younger males (D) ECG mimics acute infarction