

AUA

PROVISIONAL ANSWER KEY (CBRT)

Name of the post	Assistant Professor, General Surgery, GSS, Class-1
Advertisement No.	81/2020-21
Preliminary Test held on	30-06-2021
Question No.	001 - 200 (Concern Subject)
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THE LINK FOR ONLINE OBJECTION SYSTEM WILL START FROM 02-07-2021; 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/

001. A 9-month-old child presents with excessive cry, right iliac fossa sausage lump and blood in stools. What is the best treatment?
 (A) IVF - antibiotics - barium enema (B) IVF - antibiotics - NG tube
 (C) IVF - antibiotics - air enema (D) IVF - antibiotics - warm saline enema
002. Scoring for esophageal reflux is done by?
 (A) Gleason score (B) Ranson score
 (C) De meester scoring (D) Alvarado score
003. Which is the rarest position of appendix?
 (A) Retro - caecal (B) Post - ileal
 (C) Para - caecal (D) Pre - ileal
004. Cut off for diagnosis of Priapism is-
 (A) 1 hour (B) 2 hours
 (C) 3 hours (D) 4 hours
005. What is the raw material used in nylon suture?
 (A) Polyester polymer (B) Polybutylene terephthalate
 (C) Polyethylene terephthalate (D) Polyamide polymer
006. Most common cause of non- traumatic hemo- peritoneum
 (A) HCC (B) Hepatic adenoma
 (C) FNH (D) Hemangioma
007. Most common paraneoplastic syndrome of HCC:
 (A) Hypertension (B) Hypoglycaemia
 (C) Hypercalcemia (D) Erthrocytosis
008. Place of first liver transplant:
 (A) Boston (B) Pittsburgh
 (C) Colarado (D) Cambridge
009. Most common content in 'Hernia en glissade' is-
 (A) Omentum (B) Caecum
 (C) Sigmoid colon (D) Urinary bladder
010. During 24 hour pH monitoring what level of pH is considered as an episode of acid reflux?
 (A) Less than 2 (B) Less than 3
 (C) Less than 4 (D) Less than 5
011. A patient of peptic ulcer disease. When investigated endoscopically showed chronic antral gastritis. Which of the following dye will be able to stain the specimen-
 (A) Gram stain (B) PAS
 (C) Zeil-Neilson stain (D) Warthin-Starry stain
012. Prognosis of surgery for liver metastasis is best for which cancer-
 (A) Colorectal (B) Esophageal
 (C) Genitourinary (D) Neuroendocrine
013. According to Strasberg classification, lateral CBD injuries are classified as-
 (A) Type A (B) Type B
 (C) Type C (D) Type D

014. Milwaukee classification is used for:
- (A) Acute Cholecystitis (B) Acute Pancreatitis
(C) Pseudopancreatic cyst (D) Sphincter of Oddi dysfunction
015. Which is not true in Renal Cell Carcinoma:
- (A) Arise from cortex usually from pre-existing adenoma
(B) Usually adenocarcinoma
(C) Radiosensitive
(D) May present with rapidly developing varicocele
016. In a preop patient surgical check list- which of the following is not needed?
- (A) Doctor's signature (B) Oral consent
(C) Site marking (D) Confirming patient's identity
017. Correct statement about FAST is all except
- (A) it detects free fluid in the abdomen
(B) it will identify injury to hollow viscus
(C) it detects free fluid in the pericardium
(D) it will not reliably detect less than 100 ml of free fluid
018. Retroperitoneal injury always to be explored in _____.
- (A) Zone 1 (B) Zone 2
(C) Zone 3 (D) All zones
019. The weight of normal adrenal gland is approximately _____ gm.
- (A) 2 (B) 3
(C) 4 (D) 5
020. Strawberry lesion of the rectosigmoid:
- (A) amoebic granuloma (B) rectal bilharziasis
(C) gonococcal proctitis (D) infection with spirocheta vincenti
021. Commonest malignancy that metastasises to the spine:
- (A) Prostate (B) Breast
(C) Lung (D) Thyroid
022. Nesbitt's operation is done for
- (A) Hypospadias (B) Ectopic testis
(C) Peyronie's disease (D) Any of the above
023. Adequate suture wound length ratio to prevent incisional hernia is:
- (A) 2 : 1 (B) 3 : 1
(C) 4 : 1 (D) 5 : 1
024. Rockall scoring system is to assess rebleeding:
- (A) Portal hypertension (B) Lower gastrointestinal
(C) Upper gastrointestinal (D) Haemorrhoid bleeding
025. MRM what is sacrificed-
- (A) Long thoracic nerve (B) Nerve to Latismus dorsi
(C) Intercostobrachial N (D) Subclavian vein

026. A patient presents with B/L proptosis, heat intolerance and palpitations, most unlikely diagnosis here would be-
- (A) Reidel's thyroiditis (B) Hashimoto's thyroiditis
(C) Thyroid adenoma (D) Diffuse thyroid goitre
027. Treatment of Medullary Carcinoma thyroid:
- (A) Radiation ablation (B) Surgery only
(C) Surgery and Radiotherapy (D) Radiotherapy and Chemotherapy
028. Lowest recurrence rate in duodenal ulcer treatment is seen with-
- (A) Truncal vagotomy (B) Highly selective vagotomy
(C) Truncal vagotomy and antrectomy (D) Truncal vagotomy and pyloroplasty
029. Antral obstruction with vomiting is not characterised by-
- (A) Hypochloremia (B) Hypokalemia
(C) Hyponatremia (D) Acidosis
030. In Stapfer classification for ERCP – related perforation, the most commonest is-
- (A) Type II (B) Type I
(C) Type IV (D) Type III
031. Diagnosis of Hydatid disease is by-
- (A) Casoni test (B) X- ray
(C) Biopsy (D) Serum examination
032. Indications of Liver transplantation are all/except
- (A) Cirrhosis (B) Fulminant Hepatitis
(C) Cholangiocarcinoma (D) Biliary atresia
033. A surgeon excises a portion of liver to the left of the attachment of the falciparum ligament. The segments that have been resected are:
- (A) Segment 2 to 4 (B) Segment 2 and 3
(C) Segment 1 to 4 (D) Segment 1 and 4b
034. Which of the following is not true about undescended testes?
- (A) Approximately 70% of the cryptorchid testes descend by 3 months of age
(B) Around 90% of boys with undescended testes have patent processus vaginalis
(C) Risk of developing testicular malignancy is about 20 times more
(D) Patients have normal secondary sexual characteristics
035. The Sengstaken tube must maintain a pressure ofto stop bleeding from varices
- (A) 20 mm Hg (B) 25 mm Hg
(C) 35 mm Hg (D) 45 mm Hg
036. The most common site of lymphangiosarcoma is
- (A) Retroperitoneum (B) Post mastectomy edema of arm
(C) Liver (D) Spleen
037. Splenectomy is most useful in-
- (A) Hereditary spherocytosis (B) Sickle cell anemia
(C) Thalassemia (D) Acquired autoimmune haemolytic Anemia

038. Sphincterotomy of sphincter of Oddi is performed at which position
 (A) 3'O clock (B) 6'O clock
 (C) 9' O clock (D) 11'O clock
039. True about primary lymphedema:
 (A) Onset b/w 2-35 years indicates lymphedema tarda
 (B) Onset >35 indicates praecox type
 (C) Associated with Milroy's disease
 (D) Prevalence is 2%
040. Which is not a component of Reynolds' Pentad in toxic cholangitis?
 (A) Septic shock (B) Confusion
 (C) Markedly elevated transaminases (D) Right upper quadrant pain
041. Risk factors to cholangiocarcinoma all except-
 (A) Chronic typhoid carrier (B) Choledocholithiasis
 (C) Parasitic infestation (D) Chronic Ulcerative colitis
042. Gold standard test for insulinoma-
 (A) C - peptide levels (B) Plasma insulin levels
 (C) 72 hr fasting test (D) Low glucose levels < 30mg/dl
043. Baltahazar grading system is used for:
 (A) Pancreatitis (B) Cholecystitis
 (C) Hepatitis (D) Meningitis
044. Insulinoma is most commonly located in which part of the pancreas-
 (A) Body (B) Head
 (C) Tail (D) Equally distributed
045. The advantage of Bladder drainage over Enteric drainage after pancreatic transplantation is better monitoring of
 (A) Glucose levels (B) Amylase levels
 (C) HBA IC levels (D) Electrolytes level
046. Peritoneal mice is-
 (A) Peritoneal seedlings of tumour (B) Pseudomyxoma peritonei
 (C) Appendices epiploicae (D) Endometriosis
047. Inflammatory process in ascites is diagnosed by PMN value more than-
 (A) 50/cu mm (B) 100/cu mm
 (C) 150/cu mm (D) 250/cu mm
048. Diverticular disease is not common in-
 (A) Colon (B) Rectum
 (C) Jejunum (D) Duodenum
049. In Aortic regurgitation pulsatile head bobbing is called:
 (A) Traube's sign (B) de Musset's sign
 (C) Corrigan's sign (D) Quincke's sign

050. Reason for decreased incidence of cancer in small bowel is that except:
 (A) high level of IgA in the intestinal wall
 (B) high bacterial count of small intestinal contents
 (C) high turnover of small bowel epithelial cells
 (D) rapid transit of luminal content
051. Colonoscopy is not indicated in-
 (A) FAP (B) MEN2B
 (C) HNPCC (D) Cronkhite Canada syndrome
052. Colitis cystic profunda is seen in case of:
 (A) Rectal carcinoma (B) Rectocele
 (C) SRUS (D) Fissure
053. Which of the following statement about valves of Houston is true-?
 (A) The valve contains all the three layers of muscle wall
 (B) Valves disappear after mobilization of rectum
 (C) The middle valve corresponds to middle convex fold to right
 (D) The upper valve corresponds to peritoneal reflection
054. Least common type of intussusceptions is:
 (A) Ileoileal (B) Ileocolic
 (C) Multiple (D) Colocolic
055. Snow storm ascites is seen in:
 (A) Ileocaecal tuberculosis (B) Hirschsprung's disease
 (C) Meconium ileus (D) Pseudomyxoma peritonei
056. Critical diameter of caecum when perforation is considered eminent in Pseudo-obstruction is
 (A) > 6 cm (B) > 8 cm
 (C) > 10 cm (D) > 14 cm
057. Which of the following organisms produce signs and symptoms that mimics acute appendicitis.
 (A) Enterobius vermicularis (B) Yersinia enterocolitica
 (C) Enteropathic Escherichia coli (D) Trichomonas hominis
058. Richter's hernia most common in-
 (A) Direct inguinal hernia (B) Hiatus hernia
 (C) Femoral hernia (D) Lumbar hernia
059. Pseudokidney is-
 (A) Hydronephrosis (B) Undescended kidney
 (C) Undescended testes (D) Thickened bowel loop on USG
060. Scrofula is:
 (A) fungal infection (B) cutaneous manifestation of tuberculosis
 (C) cervical tuberculous lymphadenitis (D) candidiasis of oral cavity
061. Most common site of origin of renal cell carcinoma:
 (A) PCT (B) Collecting ducts
 (C) DCT (D) Loop of Henle

062. High flying prostate is a sign of –
 (A) Membranous Urethral injury (B) Bulbar Urethral injury
 (C) Intraperitoneal Bladder rupture (D) Extraperitoneal Bladder rupture
063. A 65 years old male presents with CA prostate. The tumour is limited to the capsule and is palpable on PR examination. The patient is diagnosed as stage T2b. The best treatment would be-
 (A) Orchidectomy (B) Radical prostatectomy
 (C) Chemotherapy (D) Palliative radiotherapy
064. Gleason score: all are true except:
 (A) Used for grading prostate cancer (B) Higher the score, poorer the prognosis
 (C) Score ranges from 1-10 (D) Helps in planning management
065. For carcinoma of the prostate the commonest site is-
 (A) Anterior zone (B) Transitional zone
 (C) Peripheral zone (D) Central zone
066. Incidence of undescended testis in full term newborn is:
 (A) 4% (B) 6%
 (C) 8% (D) 12%
067. Not a constituent of Beahrs' triangle-
 (A) Superior thyroid artery (B) Inferior thyroid artery
 (C) Tracheosophageal groove (D) Carotid artery
068. Parathyroid adenomas account for how much percentage of patients with primary hyperparathyroidism?
 (A) 50% (B) 65%
 (C) 75% (D) 85%
069. Opsoclonus – Myoclonus is a phenomenon seen in-
 (A) Cortical tuberculoma (B) Neuroblastoma
 (C) Meningioma (D) Wilms tumour
070. Which layer is involved in blister formation in a superficial partial thickness burn
 (A) Reticular dermis (B) Epidermis
 (C) Dermis (D) Papillary dermis
071. Most commonest site for Pressure sores is-
 (A) Sacrum (B) Greater trochanter
 (C) Ischium (D) Occiput
072. Podoconiosis is-
 (A) Endemic elephantiasis (B) Filarial elephantiasis
 (C) Factitious lymphedema (D) Lipoedema
073. Pierre Robbin syndrome is-
 (A) Cleft palate with mandibular hypoplasia and respiratory obstruction
 (B) Cleft palate with syndactyly
 (C) Cleft lip with mandibular hypoplasia
 (D) Cleft palate

074. Surgery for Pectus excavatum is-
- (A) Millard's procedure (B) Nuss procedure
(C) Nesbitt procedure (D) Moh's procedure
075. Sialosis refers to-
- (A) Sjogren's syndrome (B) Non inflammatory parotid enlargement
(C) Bilateral parotitis (D) Bilateral salivary duct ectasia
076. Who said "He who wishes to be a surgeon must first go to war" -
- (A) Ambroise Pare (B) Hippocrates
(C) Andrea Vesalius (D) Galen
077. "Mycetoma belt" lies between the latitudes
- (A) 15° north and 30° south (B) 30° north and 15° south
(C) 15° north and 15° south (D) 30° north and 30° south
078. Which needle is used for pleural biopsy?
- (A) Abram's (B) Abraham's
(C) Osgood's (D) Vin Silvermann's
079. Paget – Schrotter disease/syndrome is an effort-related thrombosis in
- (A) Radial and brachial veins (B) Axillary and subclavian veins
(C) Iliac and femoral veins (D) Tibial and femoral veins
080. Abdominal aortic aneurysm is operated when the size, as measured by ultrasonography is more than
- (A) 35 mm (B) 45 mm
(C) 55 mm (D) 65 mm
081. Most common diaphysal tumour below 10 years of age is-
- (A) Ewing 's sarcoma (B) Lymphoma
(C) Eosinophilic granuloma (D) Metastasis/Myeloma
082. In Child-Turcott-Pugh criteria controlled ascites, albumin 3.5gm/dl, bilirubin 2.5 mg/dl, partial encephalopathy indicates-
- (A) Grade B (B) Grade A
(C) Grade C (D) More information needed
083. The short saphenous vein may extend cranially beyond saphenopopliteal junction to terminate into deep system in posterior thigh or the _____ vein.
- (A) Profunda femoral vein (B) Posteromedial thigh tributary
(C) Giacomini vein (D) Anterior accessory saphenous vein
084. Elective surgery in which a hollow viscus is opened, what is the class of surgicalwound?
- (A) I (B) II
(C) III (D) IV
085. One of the following is not indicated for arterial leg ulcer:
- (A) Low dose Aspirin (B) Debridement
(C) Head end of the bed is raised (D) Elevation of limb

086. The tensile strength of wound reaches that of normal tissue by-
- (A) 2 months (B) 4 months
(C) 6 months (D) Never
087. All of the following are principles of negative pressure wound therapy except-
- (A) Decreased edema (B) Stabilization of wound environment
(C) Clearance of infection (D) Macrodeformation of the wound
088. Following road traffic accident patient suffers polytrauma and is evaluated in the emergency section of the hospital. His pulse rate is 116, respiration rate is 24, blood pressure of 120/78 mm of Hg and patient is mildly anxious. What is the approximate blood loss patient has following trauma?
- (A) < 750 ml (B) 750 - 1500 ml
(C) 1500 - 2000 ml (D) > 2000 ml
089. Which is the best method to administer oxygen in case of burns of airways?
- (A) Elective intubation (B) Nasal prongs
(C) Mask (D) Tracheostomy
090. Which of the following triage categories are correctly matched?
- (A) BLACK - Minor injuries (B) RED - Deceased/ Dead
(C) YELLOW - Serious patients (D) GREEN - Immediate intervention given
091. Moyamoya (puff of smoke) disease is
- (A) Carotid cavernous fistula (B) Mycotic aneurysm
(C) Non atherosclerotic occlusive disease (D) Atherosclerotic occlusive disease
092. Aim of abbreviated laparotomy
- (A) Decreased chance of infection (B) Hemostasis
(C) Early ambulation (D) Early wound healing
093. Definite surgery is a part of which stage of damage control surgery?
- (A) I (B) II
(C) III (D) IV
094. Tripod fracture is seen in:
- (A) Temporal bone (B) Zygomatic bone
(C) Frontal bone (D) Maxilla
095. In Cierny and Mader classification for chronic osteomyelitis only cancellous bone is involved in which stage?
- (A) Stage 4 (B) Stage 1
(C) Stage 2 (D) Stage 3
096. CSF rhinorrhoea is diagnosed by-
- (A) Thyroglobulin (B) Beta 2 microglobulin
(C) Transthyretin (D) Beta 2 transferrin
097. The organism associated with fish consumption which causes cholangiocarcinoma
- (A) Strongyloidiscantonensis (B) Clonorchis sinensis
(C) H. Diminuta (D) Gnathostoma

098. **Monro Kellie doctrine used in?**
 (A) Head injury (B) Pelvic injury
 (C) Cervical injury (D) Pelvic injury
099. **Least common quadrant developing breast carcinoma is-**
 (A) Lower outer (B) Upper outer
 (C) Lower inner (D) Upper inner
100. **Good recovery in Glasgow outcome score (GOS) is-**
 (A) 1 (B) 3
 (C) 5 (D) 7
101. **Pseudo-achalasia is seen with**
 (A) Tumour infiltration (B) Chagas disease
 (C) Scleroderma (D) Diffuse esophageal spasm
102. **Cold ischemia time of the kidney should be ideally below:**
 (A) 6 hrs (B) 10 hrs
 (C) 18 hrs (D) 24 hrs
103. **Milan criteria is for-**
 (A) Selecting patients for Lung transplantation
 (B) Selecting patients for Liver transplantation
 (C) Selecting patients for Kidney transplantation
 (D) Selecting patients for Heart transplantation
104. **Weber-Fergusons incision is used for-**
 (A) Tumors of hard palate (B) Tumors of maxillary alveolus
 (C) Laryngeal carcinoma (D) Submandibular gland
105. **The most commonly mutated gene in colorectal carcinoma is-**
 (A) DCC (B) TP53
 (C) APC (D) (TGF)- β
106. **True about splenunculi:**
 (A) It is encapsulated (B) Most common site is tail of pancreas
 (C) Often single (D) Have more red pulp than spleen
107. **First to recover from paralytic ileus:**
 (A) Stomach (B) Small intestine
 (C) Rectum (D) Colon
108. **Which one of the following is not a CT feature of adrenal adenoma?**
 (A) Low attenuation
 (B) Homogeneous density and well defined borders
 (C) Enhances rapidly, contrast stays in it for relatively longer time and washes out late
 (D) Calcification is rare
109. **Siewert classification is for:**
 (A) Esophageal cancer (B) Stomach cancer
 (C) GE junction tumors (D) CA pancreas

110. 'Kiss cancer' of the urinary bladder is:
 (A) Highly malignant (B) Malignant
 (C) Benign (D) Pre-malignant
111. Ring like calcification on CECT is seen in:
 (A) HCC (B) FNH
 (C) Liver metastasis (D) Hydatid cyst
112. Hinchey classification is used in cases of:
 (A) Complicated diverticulitis (B) Complicated pancreatitis
 (C) Complicated hepatitis (D) Complicated meningitis
113. Which of the following is the investigation of choice for assessment of depth of penetration and perirectal nodes in rectal cancer?
 (A) Transrectal ultrasound (B) CT scan pelvis
 (C) MRI Scan (D) Double contrast barium enema
114. A 12-year-old boy presents with hematemesis, melena and mild splenomegaly. There is no obvious jaundice or ascites. The most likely diagnosis is:
 (A) EHPVO (B) NCPF
 (C) Cirrhosis (D) Malaria with DIC
115. Which of the following is true regarding classical spontaneous bacterial peritonitis?
 (A) Ascitic fluid neutrophil count is 250/cumm
 (B) Bowel perforation should be present
 (C) Multiple organisms are isolated from ascetic fluid
 (D) Board-like rigidity is present in abdomen
116. Medullary carcinoma thyroid is associated with which mutation?
 (A) RET (B) MET
 (C) p53 (D) PTEN
117. A 30-years old male present with complete rectal prolapse. Which of the following procedure is associated with lowest risk of recurrence?
 (A) Delorme's procedure (B) Thiersch procedure
 (C) Abdominal rectopexy (D) Altmeir's procedure
118. Which one is not true regarding hyperplastic ileocecal tuberculosis?
 (A) Mass in right iliac fossa
 (B) Common site ileocecal region
 (C) X-ray shows indrawing of caecum from ileum
 (D) Conservative management is treatment of choice
119. Which of the following is correct regarding the boundaries of triangle of Doom?
 (A) Medially vas deferens, laterally gonadal vessels, inferiorly peritoneum
 (B) Laterally vas deferens, medially gonadal vessels, inferiorly peritoneum
 (C) Laterally medial umbilical ligament, medially gonadal vessels, inferiorly peritoneum
 (D) Laterally gonadal vessels, medially lateral umbilical ligament, inferiorly peritoneum

120. Vaccine for post splenectomy infection is given against all except:
(A) Streptococcus pneumonia (B) Haemophilus influenza
(C) Neisseria meningitides (D) E. coli
121. Which one of the following familial carrier syndromes is associated with mutation in BRCA genes?
(A) Hereditary non-polyposis colorectal cancer
(B) Von Hippel Lindau disease
(C) Peutz - Jegher syndrome
(D) Familial breast/ovarian cancer
122. The gold standard for diagnosis of gastroesophageal reflux disease (GERD) is:
(A) Barium swallow (B) Endoscopy
(C) 24-hours pH monitoring (D) Esophageal manometry
123. Risk of carcinoma in ulcerative colitis:
(A) 20% after 20 years (B) 20% after 30 years
(C) 30% after 30 years (D) 50% after 30 years
124. Fontaine and Rutherford classification of peripheral arterial disease is based on:
(A) Clinical
(B) Arterial stenosis on imaging
(C) Both clinical and arterial stenosis on imaging
(D) All of the above
125. Using a small fine probe, single lactiferous duct is excised. What is the name of the procedure?
(A) Macrodochectomy (B) Microdochectomy
(C) Webster operation (D) Hadfield operation
126. Most common site of colonic carcinoma:
(A) Sigmoid (B) Transverse
(C) Descending (D) Ascending
127. Anal fissure best diagnosed by:
(A) Anoscopy (B) History and superficial clinical examination
(C) PR examination (D) USG
128. Oncotype Dx test is done to for the following in breast cancer:
(A) Chemotherapy in hormone receptor positive patients
(B) Hormone therapy in hormone positive
(C) Chemotherapy in hormone receptor negative patients
(D) Herceptin in Her-2-neu +ve
129. Intestinal anastomosis strength is provided by:
(A) Mucosa (B) Sub mucosa
(C) Serosa (D) Muscularis mucosa
130. Earliest postoperative complication of ileostomy:
(A) Obstruction (B) Prolapse
(C) Diarrhea (D) Necrosis

131. Stephen Fowler surgery is done for:
 (A) Ectopic testis (B) Undescended testis
 (C) Hypospadias (D) Epispadias
132. Most common NET of pancreas seen in MEN-1:
 (A) Gastrinoma (B) Glucagonoma
 (C) Insulinoma (D) Somatostatinoma
133. Congenital cause of hypercoagulable states are all except:
 (A) Protein C deficiency (B) Protein S deficiency
 (C) MTHFR mutation (D) Lupus anticoagulant
134. Primary peritonitis with pneumococcus is associated with:
 (A) Lymphomas (B) Nephrotic syndrome
 (C) Carcinoids (D) None of the above
135. After esophagectomy, stomach tube is based on supply from:
 (A) Right gastroepiploic artery (B) Gastro Duodenal artery
 (C) Left gastroepiploic artery (D) Left gastric artery
136. Which of the following is not an indication for cholecystectomy?
 (A) GB polyp with stone (B) Asymptomatic polyp > 1 cm
 (C) Multiple GB polyps (D) Symptomatic GB polyps
137. Best blood product to be given in a patient of multiple clotting factor deficiency with active bleeding:
 (A) Whole blood (B) Packed RBCs
 (C) Fresh frozen plasma (D) Cryoprecipitate
138. Which of the following is the most common cause of pyogenic liver abscess?
 (A) Trauma (B) Biliary tract infection
 (C) Colonic Diverticulitis (D) Appendicitis
139. Stump size in appendectomy should not be more than:
 (A) 1 mm (B) 2 mm
 (C) 3 mm (D) 4 mm
140. Histo-immunological type of breast cancer with highest estrogen receptor expression:
 (A) Luminal A (B) Luminal B
 (C) Basal cell type (D) Her-2-neu type
141. Most common cause of Addison's disease in India:
 (A) Tuberculosis (B) Post-partum
 (C) Autoimmune (D) HIV
142. For posterior urethral valve-investigation of choice is:
 (A) Cystoscopy (B) MCU
 (C) Cystourethroscopy (D) Retrograde urethroscopy

143. A patient with 8 cm × 8 cm abscess in right lobe of liver was treated with aspiration multiple times (3 times) and with systemic amebicide. Now cavity is remaining in right lobe of liver but there is nothing in the cavity. Seven days course of luminal amebicides is given. How will you follow-up?
- (A) Stool examination only
 (B) USG weekly for 1 month followed by monthly USG till 1 year
 (C) USG weekly for 3 months followed by CT scan at 3 months
 (D) USG or CT scan monthly and stool examination weekly
144. Amputated finger is transported in:
- (A) Plastic bag with wet ice (B) Plastic bag with dry ice
 (C) Plastic bag with cold saline (D) Plastic bag with cold water
145. Best way to localize extra-adrenal pheochromocytoma:
- (A) X-ray (B) Nucleotide scan
 (C) VMA excretion (D) Clinical examination
146. Most important HLA for renal transplantation and tissue typing:
- (A) HLA-A (B) HLA-B
 (C) HLA-C (D) HLA-D
147. Howship-Romberg sign is seen in:
- (A) Sliding hernia (B) Obturator hernia
 (C) Lumbar hernia (D) Paraduodenal hernia
148. A 60-year old female present with history of recurrent abdominal pain. Imaging shows multiple small cystic lesions like bunch of grapes in the head of pancreas with a grossly dilated main pancreatic duct. The most likely diagnosis is:
- (A) Serous cystic neoplasm
 (B) Mucinous cystic neoplasm
 (C) Intraductal papillary mucinous neoplasm
 (D) Pancreatic pseudocyst
149. Peterson hernia:
- (A) An internal hernia occurring behind Roux-en-Y limb
 (B) An internal hernia occurring through window in the transverse mesocolon
 (C) Cervical hernia
 (D) None of the above
150. All of the following are the risk factors for carcinoma gallbladder except:
- (A) Primary sclerosing cholangitis (B) Porcelain gallbladder
 (C) Multiple 2 cm gallstones (D) Choledochal cyst
151. Which of the following is not true about FAP?
- (A) AR inheritance (B) Screening done by sigmoidoscopy
 (C) Polyps develop in late adulthood (D) Epidermal cysts and osteomas may occur
152. All of the following are features of thyrotoxicosis, except:
- (A) Diastolic murmur (B) Soft non-ejection systolic murmur
 (C) Irregularly, irregular pulse (D) Scratching sound in systole

153. Variceal banding was invented by:
 (A) Borema and Crile (B) Stiegmann and Goff
 (C) Sugiura and Futagawa (D) Crafoord and Frenckner
154. Left trisegmentectomy involves removal of:
 (A) Segment II III IV V VIII (B) Segment II III IV
 (C) Segment IV V VI VII VIII (D) Segment V VI VII VIII
155. During bilateral adrenalectomy, intra-operative dose of hydrocortisone should be given after:
 (A) Opening the abdomen (B) Ligation of left adrenal vein
 (C) Ligation of right adrenal vein (D) Excision of both adrenal glands
156. Most prevalent incidentacoma is:
 (A) Cushing's adenoma (B) Pheochromocytoma
 (C) Adrenocortical carcinoma (D) Non-functioning adenoma
157. Which of the following is true regarding classical spontaneous bacterial peritonitis?
 (A) Ascitic fluid neutrophil count is 250/cumm
 (B) Bowel perforation should be present
 (C) Multiple organisms are isolated from ascetic fluid
 (D) Board-like rigidity is present in abdomen
158. Horseshoe kidney ascent is prevented by:
 (A) Superior mesenteric artery (B) Superior mesenteric vein
 (C) Inferior mesenteric artery (D) Inferior mesenteric vein
159. All are true about pouchitis except:
 (A) Probiotics have shown promising response
 (B) Cause may be related to mucosal ischemia
 (C) Most commonly seen in ulcerative colitis surgeries
 (D) Episodes of pouchitis will not respond to antibiotics
160. A surgeon with less experience of laparoscopic cholecystectomy while doing laparoscopic surgery found some stone in CBD. What should he ideally do?
 (A) Open cholecystectomy with choledochoduodenostomy
 (B) Lap CBD exploration and stone removal
 (C) Lap CBD exteraction through the cystic duct
 (D) Convert to open cholecystectomy and CBD stone removal
161. Most appropriate treatment option for the carcinoma gallbladder with invasion of perimuscular connective tissue, diagnosed after laparoscopic cholecystectomy:
 (A) Resection of segment IVb & V of liver with nodal clearance
 (B) Resection of segment IVb & V of liver with nodal clearance with port site excision
 (C) Wedge excision of liver with lymphadenectomy
 (D) Wedge excision of liver with lymphadenectomy and port site excision
162. Tumor marker for seminoma:
 (A) PLAP (B) LDH
 (C) AFP (D) hCG

175. Intestine can tolerate a maximum dose of radiation upto:
 (A) 3000 rad (B) 4000 rad
 (C) 5000 rad (D) 6000 rad
176. Fructose absence in semen analysis suggests:
 (A) Bilateral vas deferens obstruction (B) Ejaculatory duct obstruction
 (C) Testicular failure (D) Prostatic urethral obstruction
177. Gold standard investigation for screening of breast carcinoma in patients with breast implant:
 (A) MRI (B) USG
 (C) Mammography (D) CT Scan
178. Nonfunctional adrenal tumors are operated at what size:
 (A) > 3 cm (B) > 4 cm
 (C) > 6 cm (D) > 10 cm
179. Type IIIc Southamton Grading is:
 (A) Erythema along sutures (B) Large volume of hemoserous discharge
 (C) Prolonged hemoserous discharge (D) Pus at one point
180. Beger's procedure:
 (A) DPPHR (B) LRLPJ
 (C) Caudal pancreaticojejunostomy (D) Longitudinal pancreaticojejunostomy
181. What is Marion's disease?
 (A) Benign prostatic hypertrophy (B) Superficial thrombophlebitis of breast
 (C) Bladder outlet obstruction (D) Interstitial cystitis
182. Boundary of Morrison's pouch is formed by:
 (A) Inferior surface of right lobe of liver and upper pole of right Kidney
 (B) Inferior surface of left lobe of liver and upper pole of left Kidney
 (C) Superior surface of right lobe of liver and upper pole of right Kidney
 (D) Superior surface of left lobe of liver and upper pole of left Kidney
183. All are true about acute mesenteric ischemia except:
 (A) Branch point of middle colic artery is most common location for embolism
 (B) Acute venous thrombosis is best judged on CT
 (C) Non-obstructive mesenteric ischemia has very good prognosis
 (D) Gold standard investigation is angiography
184. Most common anorectal fistula:
 (A) Intersphincteric (B) Transsphincteric
 (C) Suprasphincteric (D) Extrasphincteric
185. BIRADS score 5 is:
 (A) Negative (B) Probably benign
 (C) Suspicious abnormality (D) Highly suggestive of malignancy

186. The technique employed in radiotherapy to counteract the effect of tumor motion due to breathing is known as:
- (A) Arc technique (B) Modulation
 (C) Gating (D) Shunting
187. Which of the following is not a capsular plate?
- (A) Portal plate (B) Hilar plate
 (C) Umbilical plate (D) Cystic plate
188. TRIVEX is a percutaneous technique of:
- (A) Intravenous intraluminal destruction of vein by ablation catheter
 (B) Intravenous intraluminal injection of sclerosant like sodium tetradecyl sulphate
 (C) Removal of vein by suction following injection of fluid
 (D) Stripping of veins
189. TIPS means creating anastomosis between which of the following?
- (A) Portal vein and hepatic artery (B) Portal vein and IVC
 (C) Portal vein and hepatic vein (D) Hepatic vein and hepatic artery
190. Renal tuberculosis originates in the:
- (A) Renal papilla (B) Renal medulla
 (C) Afferent tubules (D) Efferent arteriole of glomerulus
191. Pascal's law is used in which technique of hernia repair?
- (A) Lichtenstein mesh repair (B) Stoppa's preperitoneal repair
 (C) Bassini's repair (D) Darning repair
192. Most common mutation in pancreatic adenocarcinoma:
- (A) K-ras2 (B) p16
 (C) p53 (D) BRAF
193. Post gonococcal stricture urethra is most commonly situated in the:
- (A) Bulbar urethra (B) Penoscrotal junction
 (C) Distal part of spongy urethra (D) Just distal to external meatus
194. Which of the following is false about Enhanced Recovery Protocol?
- (A) IV antibiotics for 72 hours (B) Pain relief by multimodal analgesia
 (C) Early Mobilization (D) Early nutrition
195. Elderly male has 0.5 mm dilated tortuous vein in the posterior part of right calf. What is stage as per CEAP classification?
- (A) C0 (B) C1
 (C) C2 (D) C3
196. Amifostine is:
- (A) Radiosensitiser (B) Radioprotector
 (C) Radiomodifier (D) Radiomimetic

197. Venous air embolism is most common in which position in surgery:
(A) Sitting (B) Prone
(C) Lateral (D) Lithotomy
198. Newman and Seabrook's operation is used for:
(A) Repair of parotid fistula (B) For parotid calculi
(C) For carcinoma of tongue (D) For treatment of recurrent chronic parotitis
199. Cushing reflex is:
(A) ↑ Mean arterial pressure with increased intracranial pressure
(B) ↑ Mean arterial pressure with decreased intracranial pressure
(C) ↓ Mean arterial pressure with increased intracranial pressure
(D) ↓ Mean arterial pressure with decreased intracranial pressure
200. In Neilubowicz surgery what is done?
(A) Skin bridge (B) Lymph node with vein anastomosis
(C) Ileal mucosal patch (D) All of the above