

## BLOCK-E

1. Deep fascia of anterior abdominal wall is
- A. Thick layer of connective tissue
  - B. Thin layer of connective tissue
  - C. Assists in creating negative intra thoracic pressure
2. In rectus sheath hematoma is
- A. on right side below the umbilicus
  - B. on left side above the umbilicus
  - C. due to inferior epigastric artery
  - D. cause by stabbing injury
  - E. has no relation with kick and fall
3. Below the level of anterior superior iliac spine the rectus abdominus lie anterior to :
- a) transversus abdominus and deep fascia
  - b) internal oblique and external oblique
  - c) fascia transversalis and peritoneum
  - d) membranous layer of superficial fascia
  - e) fatty layer of superficial fascia
4. Regarding anterior abdominal wall ... cutaneous innervation to umbilical region ..
- 1. 7th thoracic
  - 2. 8th thoracic
  - 3. 9th thoracic
  - 4. 10 thoracic
5. Which one of the following is intraperitoneal?
- A. descending colon
  - B. ascending colon
  - C. transverse colon
  - D. ileum
  - E. duodenum
6. 70% of the blood supply to liver occurs through:-
- a: hepatic artery
  - b: superior mesenteric artery
  - c: portal vein

- d: superior mesenteric vein
7. Regarding lymphatic drainage celiac nodes drain from
- a. Jejunum
  - b. Ileum
  - c. Appendix
  - d. Liver
  - e. Cecum..
8. Which of the following structure form anterior relation of liver ..
- A. Gallbladder
  - B. Diaphragm
  - C. IVC
  - d. duodenum.
  - E. fundus of stomach..
- 9) Regarding portal venous system the inferior mesenteric vein
- A: drains midgut
  - B: Join portal vein
  - C: Drain jejunum
  - D: Drain duodenum
  - E: Join splenic vein
- Correct option: E
10. In Micturition reflex what occurs:
- A. Detrusor muscle relaxed
  - B. External anal sphincter relaxed
  - C. Internal anal sphincter relaxed
  - D. Stretch receptors in bladder are stimulated
  - E. Tension in bladder is increased
11. Chief cells of gastric mucosa secrete...
- a. HCL
  - b. pepsinogen
  - c. trypsin
  - d. intrinsic factor
12. A boy is going to toilet to defecate which one of the following physiological processes will be occur
- a. external anal sphincter contract. b. internal anal sphincter relax

c.lower abdominal pressure.

d.rectal muscles relax

13.Radioactive sodium and radioactive iothalamate cannot cross capillary membrane and remains in vascular medium when infused ,,there would be increase in

a.Extracellular fluid volume

b.Intracellular fluid volume

c. Interstitial volume

d. Plasma

d.Total body water

14..If 2 L of 3% NaCl is given and no water or solute is lost from body .what will be increased

A)extra cellular fluid

B)intracellular fluid

C)plasma

D)interstitial fluid

15.GERD is closely associated with

a)colon

b) stomach

c)duodenum

e)esophagus

d)pharinx

16.β-oxidation of fatty acids is inhibited by:

a.Acetyl CoA

b.Fad

c.Malonyl coa

d.Nadph

e.Nadh

17.A woman undergoing ERCP for persistent jaundice. Surgeon identifies minor duodenal papilla. Minor duodenal Papilla marks opening of..

A.Accessory pancreatic duct

B.major papillary duct

C.hepatopancreatic duct

D.Common bile duct

E.Cystic duct

18. which of the following primary system most powerfully regulates acid base homeostasis :

A blood buffer sys

B chemical buffer sys

C proteins buffer

D respiratory buffer sys

E renal buffer sys

19.the first line acting regulatory mechanism that regulates acid base balance :

A blood buffer sys

B chemical buffer sys

C proteins buffer

D respiratory buffer sys

E renal buffer sys

20.superior vesical artery is a branch of

A external iliac artery

B internal iliac artery

C inferior mesenteric A

D external pudendal A

E superior mesenteric A

21.Defective parietal cells would result in malabsorption of which vitamin?

A)Vitamin B1

B) Vitamin B2

C)Niacin

D)Vitamin B12

E)Folic acid

22.Ahmad has been hospitalized with severe vomiting and diarrhoea for the last two days. His lab report shows serum Na level 105 mmol/L. The condition is

A. Agitations

B. Convulsions

C. Flushed skin

D. Low grade fever

E. Thirst

23.Regarding portal venous system the inferior mesenteric vein

A: drains midgut

B: Join portal vein

C: Drain jejunum

D: Drain duodenum

E: Join splenic vein

Correct option: E

24..Under light microscopy, intestinal cells with pink granules are located in intestinal granules of small intestine and also produce antibacterial enzyme lysozyme are

Enteroendocrine cells

Mucous cells

M-cells

Paneth cells

25.Term abdominal policeman is use for

a. Lessor omentum

b.falciform ligament

c.ligamentum teres

d.greater omentum

e.mesentery of appendix

26.Mr.khan with history of cirrhosis come to OPD with severe ascites ,it is due to increase 1: pressure in portal vein 2:Increase serum bilirubin 3: secretion of bile salt 4: production of bilirubin 5: increase interstitial osmotic pressure

27.Which of the following us the blood supply to the kidney per minute ?

a. 1 to 1.5 litre

b.0.5 to 1 litre

c.1.5 to 2 litre

d.1 to 2 litre

e.2 to 3 litre

28.The max amount of absorption of Na and water takes place at the proximal convoluted tubules

29.1st Comited step of glycolysis is mediated by

A. PFK

B. GK

C. HK

D. Lactate dehydrogenase

30. Term abdominal policeman is use for

a. Lessor omentum

b.falciform ligament

c.ligamentum teres

d.greater omentum

e.mesentery of appendix

31. Common manifestation of drug induced nephrotoxicity cause decline in GFR leading to

A. Metabolic acidosis with bicarbonaturia

B.Oliguria

C. Rise in serum ceratine

D. Hyperkemia

E. Excretion of B12 microglobuin

32. A 22 year old male complain to Dr of pain that he experienced from bladder after drinking large amount of water. What is the location of neuronal cell bodies responsible for pain sensation from urinary bladder?

a:dorsal root ganglia of spinal cord level of S2, S3, S4.

b:intermediolateral cell column of S2, S3, S4.

c:sensory ganglia of T5 to T9.

d:preaortic ganglia origin of testicular arteries e:dorsal root ganglia of T10 to L2.

33. Which of the following decreases the spike potential frequency?

A. Acetylcholine

B. Fatty meal

C. Stretching

D. Sympathetic stimulation

E. Parasympathetic stimulation

34. Distruction of parietal cells of stomatch will affact absorption of which vitamin... correct.vitamin B12..

35. the rate limiting step in cholesterol synthesis a B/OH-B-glutryl methyl reductase b. HMG coA lyase c.Acteyl synthetase

36. Which of following structure is supplied by inf mesenteric artery

A. ileum

B. Jejunum

C. Rectum

D. Cecum

E. Anus

37. rectal bleeding was observed in an infant . The colour of blood ranged from bright to dark red. The child appeared to be free of any pain. A diagnosis is of merckels diverticulum was made. The condition is associated with

1.duplication of intestines

2.Herniation of intestine

3.nonrotation of midgut

4.remnant of yolk stalk

5.subhepatic caecum and appendix

38. A patient came to opd wd complain of abdominal distention and wt loss ,yellow sclera and easy bruising .An examination revealed ascites and cirrhosis o liver.

The main pathogen is:

a)overproduction of connective tissue by stellar cells

b)in endothelial liver cells.

c)abnormal release of growth factor

d)in endothelial cells and abnormal release of gf.

e)abnormal kuffer cells.

39.The hormone that inhibit gastric secretion and motility is

A.Gastrin

B.histamin

C.secretin

D.pepsin

E.CCK

40.Hcl secretion is increased by...

a.Pepsin

b.Secretin

c.Gastrin

41.Oxidative phosphorylation occur in mitochondria  
NADH+H<sup>+</sup> give ATP,s

A.1

B.2

C.3

D.4

E 8

42.Which among the following aggressive factor of peptic ulcer is main target of H2 blockers?

A. acid

B. pepsin

C. pepsinogen

D. bile

E. H pylori

43.Anion gap in plasma is because of

A. Differential distribution of ion across cell membrane

B. Cations outnumber anions in plasma

C. Anions outnumber cations in plasma

D. Unmeasured Anions in plasma

E. Measured cations in plasma

44.Below level of antero superior iliac spine ,the rectus abdominis lies anterior to ..

A.transversis abdomini and deep fascia

B.ineternal and external oblique muscles

C.fascia trabversalis and peritoneum

D.memberanous layer of sup fascia..

E..fatty layer of super fascia..

45.Slow wave in git is: produce due to a)potassium influx..b)produce action potential in git..c) initiate by interatial cell of cajal..d)produce contraction...

46. The blood supply of liver is mainly by hepatic artery.. it's is Branch of... a) celiac trunk.. b)aorta...

47. Following statements regarding hydronephrosis are true except:a) swelling of kidney due to failure of urine to drain properly b) it occurs due to blockage of urinary tract c) most often it is bilateral d) can cause pain in abdomen and flank e) UTIs are most common complication of it.

48. superior vesicle artery is a branch of: 1) external iliac artery 2) internal iliac artery 3) inferior mesenteric artery 4) external pudental artery 5) superior mesenteric artery

49.: The standard gold unit for measuring glomerular filtration rate.....

- a.Creatinine
- b.Urea
- c.Paraamino hipuric acid
- d.Glucose
- e.Inulin

50. A female present with symptoms like oligouria, leg swelling, flank pain. On radiological examination it was found as calculus in lower pelvic part of the ureter. Its referred pain is in

- a. Urethra
- b.labia majus
- c.ovaries
- d.Cervix
- e.uterus.

51.Which condition cause metabolic alkalosis?

- A.uncontrol diabetes mellitus
- B.starvation
- C.excess alcohol
- D.convulsion
- E.excess aldosterone

52.Inferior mesenteric vein drains into...

Ans. Splenic vein

53.The terminal branch of abdominal aorta is?

- A.medial sacral artery
- B. inferior mesenteric artery
- C. superior mesenteric artery
- D. internal iliac artery

54.The medial arcuate ligament of diaphragm is formed by thickening of fascia of which muscle?

- a) quadratus lumborum
- b) psoas major
- c) psoas minor
- d) transverses abdominis
- e) internal oblique muscle

55.A patient with hysteria is presented with hyperventilation.Arterial blood gaese analysis showed pH=7.5.co2=30mm hg.hco3=20

- A.metabolic acidosis
- B.metabolic alkalosis
- C.respiratory acidosis
- D.respiratory alkalosis
- E.mixed acid .base balance

56.The most common organism in pyelonephritis is

- A.A.coli
- B.proteus
- C.pseudomas
- D.staphylococci
- E.enterococcus

57.para aortic nodes drain into A. Right thoracic duct B. Intestinal lymph trunk C. cisternae chyli D. Lumber trunk.

58. dilated part of male urethra A) penile urethra B) membranous urethra C) spongy urethra D. External urethra meatus E. Prostate urethra

59.female gland which is similar to prostate in males?

- a) paraurethral glands
- b) vestibule gland

60.common UTI candidate ?

- a) male due to longer urethra
- b) female due to short urethra

61. A male patient over 40 presents with urinary frequency, difficulty in initiating micturition, poor stream. What is the most probable diagnosis?

- A) Urinary stone
- B) Renal failure
- C) Rectal cancer
- D) Benign prostatic hyperplasia
- E) Urinary tract infection

62.Under light microscope striations seen having direction toward base and absorb Na from initial secretions the epithelium lineing it is

- a) cuboidal
- b)columnar
- c)squamous
- d)transitional

63. as the stomach acquire adult shape it rotates around longitudinal axis which of the following events does not result from this rotation.

- A) dorsal border of stomach moves to left
- B) ventral border of stomach moves to right
- C) dorsal meoagstrium is carried to left
- D) duodenum rotate to right
- E) dorsal part of stomach grow rapidly

64.FLOUROACETATE INHIBIT WHICH ENZYME OF TCA

- A.CITRATE SYNTHASE
- B.SUCCINATE DEHYDROGENASE
- C.ACONITASE
- D.CITRATE DEHYDROGENASE
- E.ALPHA KETOGLUTERATE DEHYDROGENASE

65. Two nitrogens in urea are supplied by

- A. NH<sub>3</sub> & aspartate
- B. NH<sub>3</sub> & glutamate
- C. Glutamine & glutamate
- D. Aspartate & arginine
- E. NH<sub>3</sub> & arginine

66: oxidative phosphorylation of 1 molecule of reduced flavoprotein will give ATP?

- A. zero
- B. 2
- C. 3
- D. 4
- E. 5

67) To avoid plagiarism information must be cited but there is no need to do so when: A) common knowledge B)author dead C) if you summarise it D) if you paraphrase it E)image taken from any source.

116 - The act of presenting some one else work or idea as own is considered as

- A.Academic dishonesty
- B. Academic integrity
- C. Wrongful assumption

D. Anonymity

E. Plagiarism

68.Gerd is closely linked to which type of cancer ?

- A.Stomach cancer
- B.Colon cancer
- C. Deudenal cancer
- D. Esophageal cancer
- E. Pharyngeal cancer

69.the objective of referencing and in tent citations is the attribution to ..

- A Community work
- B Common knowledge
- C Cooperate intellicular work
- D Other intellicular work
- E Own intellicular work

70. refrancing is important to avoid plagiarism information provided in your essay must be referenced but u don't need to cite when ??

- A It's common knowledge
- B The author is dead
- C You summarise it
- D You paraphrase it
- E You Take any image from any source

71.Presence of transitional epithelium is one of the features of urinary system, this system start from

- A) Collecting tubule
- B) Collecting duct
- C)Minor calyx
- D) Major Calyx
- E) Renal pelvis

72.Regarding lymphatic drainage, which of the following structure is mainly drained by the celiac nodes?

- A Jejunum
- B Ileum
- C Appendix
- D Cecum

E Liver✓

73. Which of the following has little effect on pancreatic secretions or its components??? A. Acetyl choline B. Sympathetic stimulations C. Secretin D. Cholecystokinin E. Vasoactive intestinal polypeptide

9.60 yrs old man with dysphagia. Endoscopy of lower esophagus narrows.what happens to the lower end of esophagus in chronic acid reflux.

74.Abdominal policeman ?? a . greater omentum. B. Lesser omentum c.ligamentum teres d.falciform ligament

75: Regarding blood supply of liver, the hepatic artery is branch of;

a: cystic artery

b: inferior mesenteric artery

c: celiac trunk (branch of aorta)

d: right gastric artery

e: superior mesenteric artery

76.Regarding portal hypertension,which organ have bleeding problem

A. Pancrease

B. Liver

C. Esophagus

D. Jejunum

E. Duodenum

77.The term abdominal policeman refers to

A.lessor omentum

B.greater omentum

C.ligamentum teres

D.falciform ligament

E. Mesentery of appendix

78.the glands in female corresponding to prostate gland in male.

A. Greater vestibular gland

B.mamillary gland

C.paraurethral gland

D.mucus gland

E.seminal vesicle

79. A doctor advised a patient to have chemotherapy for her lung cancer but the patient refused the treatment and the doctor respected the patient's wishes and subsequently discharge the patient.which ethical principle doctor demonstrate.

A. Autonomy

B.benefecens

C.fidelity

D.non maleficence

E.justice

80. Act of presenting someone else work or idea as own is considered as,

A. Academic dishonesty

B. Academic integrity

C. Wrongful assumption

D.

81: In portal hypertension bleeding occurs in which organ

a.Liver

b.Duodenum

c.Ileum

d.Jejunum

82. Regarding blood supply to liver,about 70%of blood is conveyed by which of the following vessel to liver?

a hepatic artery

b superior mesenteric vein

c portal vein

d hepatic vein

e superior mesenteric artery

83.Which of the following structure form anterior relation of liver?

a gall bladder

b diaphragm

c inferior vena cava

d deudonum

e fundus of stomach

84. Inferior mesenteric vein opens into

A. Portal vein

- B. Splenic vein
- C. Superior mesenteric vein
- D. Hepatic vein
- E. External iliac vein

Correct : option B

85.CCK inhibits : A) gastric emptying. B)pancreatic HCO<sub>3</sub> secretion. C)pancreatic enzyme secretion. D) contraction of gallbladder. E) relaxation of sphincter of oddi.

86.62 years old patient admitted to emergency department due to increasing urinating over period of several months . Physical examination reveal prostatic hypertrophy .After several unsuccessful attempts to catheterize the penile urethra . The urologist orders drainage of the urinary bladder by least invasive procedure avoiding entry into peritoneal cavity , or the injury of any major vessel or organs . Which of the following spaces needs to be traversed by needles to reach bladder ?

1: ischioanal fossa 2: perineal body 3: Retropubic space 4: superior perineal cleft 5: deep perineal pouch

87. GFR is increased by

- 1- constriction of afferent arterioles
- 2-Constriction of efferent arterioles
- 3-Constriction of ureter
- 4-Increase in plasma proteins

Correct:B

88..Objective of referencing and intextcitation is attribution to:

- a.community work
- b.Own intellectual work
- c.Others intellectual work
- d.Corporate intellectual outcome
- e.Common knowledge

89. Bile salts are reabsorbed from intestines through Portal blood to liver and then re excreted into

- A feces
- B urine
- C intestines
- D blood

E bile

90.H<sub>2</sub>S is inhibitor of complex 4

91:Retropubic space lies in which relation to prostate

- A.superior
- B.Inferior
- C.posterior
- D.Anterior
- E. Medial

92.Net filtration Pressure that causes glomerular filtration is the difference of:

- a. Blood hydrostatic pressure and colloidal osmotic pressure
- b. Blood pressure and hydrostatic Pressure
- c. Blood hydrostatic pressure and capsule hydrostatic pressure
- d. Net hydrostatic pressure and plasma colloid osmotic pressure

93: during kidney development failure to develop union between renal vesicle and collecting tubules may lead to

- A.renal agenesis
- B.horseshoe shape kidney
- C.polycystic kidney
- D.pancake kidney
- E.pelvic kidney

94. 2 year old boy bring to hospital with diarrria and stunted growth on examination have edema discoloration of hair anemia and have face moon have.

- À.kweshiorkr
- B.Marasmus
- Ç,Nephretic syndrom
- D,measles

95.Anion gap increase in

- a.Renal tubular acidosis
- b.Metabolic acidosis due to diaghrea
- c.Metabolic acidosis due to intestinal obstruction
- d.Diabetic ketoacidosis



e. Respiratory acidosis

96. How many high energy phosphate bonds are produced in the urea cycle?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

97: Which is true about pancreatic secretion :

- 1) CCK causes release of  $\text{HCO}_3^-$
- 2) Secretin causes release of enzyme
- 3) Gastrin causes release of enzyme
- 4) Acetylcholine stimulates secretion of enzymes and  $\text{HCO}_3^-$
- 5) Norepinephrine stimulates release of  $\text{HCO}_3^-$

98. A young girl presented with diarrhea and blood in stools. She was diagnosed as a case of ulcerative colitis. The diarrhea is due to

- A) anal contractions
- B) gastric colic reflex
- C) hunger contractions
- D) persistent mass movements
- E) segmentation contractions

99: What prevents food from entering the nasal passages during swallowing?

- A) elevation of uvula
- B) contraction of pharyngeal muscles
- C) apposition of vocal folds
- D) elevation of epiglottis
- E) elevation of tongue

100. The concentration of substrate in plasma that can be used as an index of GFR is

- A) creatinine
- B) albumin
- C) uric acid
- D) iron
- E) urea

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- B) albumin
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- E) urea

102. Tyrosinemia type 1 is caused by deficiency of

- A) hydrolase
- B) transaminase
- C) isomerase
- D) thiolase
- E) hydroxylase

Correct E

103. Infant is born with mid ventral defect of abdominal wall attributed to failure of umbilical ring to close. Viscera protruded from this opening are covered with amniotic membrane. Which of the following is the disease? 1) cloacal extrophy 2) epispadias 3) gastroschisis 4) meningocele 5) omphalocele

104. During kidney development the ureteric bud continues to subdivide until 12 or more generations, the tubules of 5 and successive divisions contribute to form...

- a. collecting tubule
- b. major calyx
- c. minor calyx
- d. ureter
- e. urethra

105. Micelle formation is necessary for absorption of :

- A. Glycerol
- B. Galactose
- C. Bile acids
- D. Vitamin B12
- E. Vitamin D

106. Regrade blood supply of liver hepatic artery is branch of

- 1) branch of celiac A
- 2) branch of inferior mesenteric a

3) celiac trunk, a branch of aorta

4) right epigastric artery

5) superior mesenteric artery

107. The common site for PU perforation is

A) anterior aspect of 1st part of deudenum

B) posterior part of 1st part of deudenum

C) anterior aspect of 2nd part of deudenum

D) lesser curvature of stomach

E) greater curvature of stomach

108. young female presented with hematuria, abdominal pain and jaundice has a history of ingestion of poisonous substance. What is the most possible diagnosis?

A. Aspirin poisoning

B. Barbituarates poisoning

C. Carbolic acid poisoning

D. Naphthalene poisoning

109. a patient has polyuria, polydipsia and weight loss and blood glucose level is 500mg/dl. The problem is in which of the following cells

1) alpha cells

2) beta cells

3) both alpha and beta cells

4) delta cells

5) f cells

110: As chemo prophylaxis broad spectrum antibiotics for certain GIT infection disease to high risk population are given in;

(a) full therapeutic dose

(b) half therapeutic dose

(c) double therapeutic dose

(d) 1/3 therapeutic dose

(e) combination of two full dose antibiotic

111) In exocrine portion of pancreas each acini consist of 5-8 pyramidal cells. The nuclei of acinar cells.

a) elongated and basally located

b) flat and basally located

c) rounded and basally located

d) cuboidal and apically located

e) elongated and apically located

26: Epithelium present in gums and hard palate

112. Which of the following structure forms the anterior relation of liver

A Gall bladder

B Duodenun

C Inferior vana cava

D Diaphragm

E Fundus of the stomach

113: Swallowing is,

1) Complete conscious process

2) Swallowing center inhibit respiratory center

3) Gravity causes food bolus to pass downward

4) Upper esophageal sphincter constrict

5) Laryngeal muscle relax

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1) Complete conscious process

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5) Laryngeal muscle relax

115. The space present between cords of hepatocytes contain sinusoidal capillaries, the sinusoidal capillaries contain.... a. endothelial cells, kupper cells.. b. kupper cells, histocytes.. c. langerhorn, endothelial cells.. d. endothelial cells, kupper cells

116. A patient presented to emergency with altered conciousness and slurred speech.... he is diagnosed to be hepatic coma. his symptoms is due to

1) hyperuremia

2) Hyperurecemia

3) Hyperammonemia

4) Hyperalbuminemia

5) phenylketonuria

117. A patient presented to emergency with altered conciousness and slurred speech.... he is diagnosed to be hepatic coma. his symptoms is due to

- 1) hyperuremia
- 2)Hyperurecemia
- 3)Hyperammonemia
- 4)Hyperalbuminemia
- 5) phenylketonuria

118. 60 year-old man develop dysphagia to solid.then after sometime he can't swallow fluids .Endoscopy show narrowing of the lower end of esophagus. which epithelium changes related to gerd reflux.

- A- keratinized epithelium to columnar epithelium.
- B-non keratinized epithelium to columnar epithelium
- C-columnar epithelium changes to keratinized epithelium.
- D- columnar epithelium changes to nonkeratinized epithelium.
- E- keratinized epithelium changes to nonkeratinized epithelium.

119.Below the level of anterisuperior illiac spine the rectus abdominus lie anterior to :

- a) transversus abdominus and deep facia
- b) internet oblique and external oblique
- c) facia transversilis and peritoneum
- d)membranous layer of superficial facia
- e) fatty layer of superficial facia

120. Common Candidate for UTI is;

- A. Male urethra bcz long and glandular.
- B. Female bcz urethra is long and paraurethral glands.
- C. Male bcz short urethra.
- D. Female bcz short urethra.
- E. None of the above

121. Acyl carrier proteins contain vitamin

- A. Biotin
- B. Lipoic acid
- C pantothenic acid
- D . Folic acid
- E. Ascorbic acid

122.Regarding rectus sheath, hematoma of rectus sheath

A.occur on the right side below the umblicus

B.left side above the umblicus

C. inferior gastric artery causes commonly

D.by stabbing injury

E.has no relation with fall and kick

123: Each of the following are characteristics feature of nephrotic syndrome except

- A: marked
- B: hypoalbuminemia
- C: severe edema
- D: hypertension
- E: proteinuria

124.33 year old boy is rushed to emergency room in acute distress. Child has vague chest pain and difficult swallowing. Physical examination show drooling and salivation .vital signs are normal. The mother states that she saw the boy ingesting liquid used to clear drains. Which of the following case of esophagus

- 1)reflex esophagus
- 2)esonophilic esophagus
- 3)chemical esophagus
- 4)hyaline sclerosis
- 5)barrets esophagus

125.in road accident , injury to spinal cord after phase of spinal shock regarding bladder functions :

- a- paralyzed and flaccid
- b- urinary incontinence
- c- emptying with voluntary control
- d- areflexia of detrusor
- e- shincter relax is normal

126) Na bile salt cotransport occure in

- a) antrum of stomach
- b) fundus of stmoch
- c)illum
- d)deudenum
- e) colon

127.By transmethylation reaction;

a) guanidinoacetic acid is converted to creatinine

b) epinephrine is converted to norepinephrine

c) methionine is converted to homocysteine

d) homocysteine is converted to methionine

e) cysteine is converted to methionine

128): Beta oxidation of acetyl CoA is inhibited by (a) acetyl CoA (b) malonyl CoA (c) NADPH (d) NADH

129. Which of the following enzyme is deficient in skeletal muscle.

1. Creatinine phosphokinase

2. Glucose 6 phosphatase enzyme

3. Hexokinase

4. phosphofructokinase

5. Pyruvate kinase

140. Excess of ADH is suppressed by

Ans natriuretic peptide

141. Excess of ADH is suppressed by

Ans natriuretic peptide

142. A 70 year old woman presents with difficulty swallowing 9 kg weight loss in past several months. Endoscopy reveals the irregular narrowing of lower 3rd of esophagus and appearance of cuboidal cells around central cells. It shows

A. Adenocarcinoma

B. Esophageal constricture

C. Leiomyosarcoma

D. Scleroderma

E. Squamous cell carcinoma

143. A 10 years old boy diagnosed with diarrhea while traveling to India. Lab investigation revealed arterial blood pH=7.5, partial pressure of CO<sub>2</sub>=24 mmHg, bicarbonate=10 meq/L, normal anion gap. Diagnosis is?

A) lactic acidosis

B) respiratory acidosis

C) metabolic acidosis

D) metabolic alkalosis

E) respiratory alkalosis

144- Glutathione is a tripeptide of :

a: Glutamic Acid, Cysteine, Glycine

b: Arginine, Glycine, Methionine

c: Glutamic Acid, Arginine, Cysteine

d: Glutamic Acid, Cysteine, Methionine

e: Methionine, Arginine, Cysteine

145\_ Which of the following doesn't form part of glomerular filtration barrier

A. Sub endothelial space

B. Glomerular basement membrane

C. Podocyte foot process slit diaphragm

D. Sub podocyte space

E. Endothelial cells....

146: Ketone bodies are utilized for energy production, thiolase cleaves acetoacetyl CoA to give

a: 2 molecule of acetyl CoA

b: 2 molecules of oxaloacetate

c: 2 molecules of fumarate

d: 2 molecules of succinate

147: Ketone bodies are utilized for energy production, thiolase cleaves acetoacetyl CoA to give

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c: 2 molecules of fumarate

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148: Aortic node ie, para aortic node drains into

a) lumbar trunk

b) cisterna chyli

c) right thoracic duct

d) intestinal lymph trunk

e) rt subclavian

149. In diabetes insipidus the large quantity of urine is produced causing

Answer : hypernatremia and dehydration

150. Massive rectal bleeding was observed in an infant. The colour of blood ranged from bright to dark red. The child appeared to be free of any pain. A diagnosis

is of merckels diverticulum was made. The condition is associated with

- 1.duplication of intestines
- 2.Herniation of intestine
- 3.nonrotation of midgut
- 4.remnant of yolk stalk
- 5.subhepatic caecum and appendix

151. Bile salts are reabsorbed from intestines through Portal blood to liver and then re excreted into

- A feces
- B urine
- C intestines
- D blood
- E bile

152.Regarding rectus sheath, hematoma of rectus sheath

- A.occur on the right side below the umblicus
- B.left side above the umblicus
- C. inferior gastric artery causes commonly
- D.by stabbing injury
- E.has no relation with fall and kick

153\_ Which of the following doesn't form part of glomerular filtration barrier

- A. Sub endothelial space
- B. Glomerular basement membrane
- C. Podocyte foot process slit diaphragm
- D. Sub podocyte space
- E. Endothelial cells....

154.Objective of referencing and intextcitation is attribution to:

- a.community work
- b.Own intellectual work
- c.Others intellectual work
- d.Corporate intellectual outcome
- e.Common knowledge

155.Inferior mesenteric vein drains into...

Ans. Splenic vein

156. 1st Comited step of glycolysis is mediated by

1. PFK
2. GK
3. HK
4. Lactate dehydrogenase

157.In alkaptonuria there is deficiency of

- a.homogentisic oxidase
- b.cystathionine
- c.phenylalanine hydroxylase
- d.tyrosine

158. Part of male urethra that is most vulnerable to inflammation and constricture formation

- A. Bulb of urethra
- B.Base of urethra
- C.External anal sphincter
- D.Internal anal sphincter

159. Radioactive sodium and radioactive iothalamate cannot cross capillary membrane and remains in vascular medium when infused ,,there would be increase in

- A. Extracellular fluid volume
- B.Intracellular fluid volume
- C. Interstitial volume
- D.Plasma
- E.Total body water

160. the intestinal juice formed in the duodenum contains a small amount of intrinsic factor which helps in the absorption of

- A) vitamin B12
- B) vitamin B6
- C) Niacins
- D) Vitamin K
- E) Vitamin A

161. Which of the following enzyme is deficient in skeletal muscle.

1. Creatinine phosphokinase
2. Glucose 6 phosphatase enzyme

3. Hexokinase

4. phosphofruktokinase

5. Pyruvate kinase