

**A** IPPG PGI CHANDIGARH  
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1.0 ) Recollected paper:  
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1. True about Bronchial asthma include
  - a. Decreased PEF
  - b. Increased FVC
  - c. Increased tidal volume
  - d. Increased DLCO
  - e. Increased FRC
2. Which of the following is true about prevention of colon carcinoma
  - a. Increased fibre diet
  - b. Increased fat intake
  - c. Increased fibre diet and decreased fat intake
  - d. Smoked fish is premalignant
3. Which of the following are organophosphate
  - a. Dieldrin
  - b. Parathion
  - c. Malathion
  - d. Kepone
  - e. Propoxur
4. Which of the following are true about Barrets esophagus
  - a. It occurs due to chronic reflux esophagitis
  - b. It is premalignant
  - c. The squamous epithelium is replaced by intestinal epithelium
  - d. It is caused by herpes virus
  - e. Associated with varices
5. True about Supraglottic carcinoma include
  - a. Cigarette smoking is the most important predisposing factor
  - b. Rarely presents with neck nodes
  - c. Hotpotato voice is a feature
  - d. Treatment is surgery with adjuvant chemotherapy
  - e. More common in females
6. Decreased cholestrol level in blood is achieved by
  - a. Increased polyunsaturated fatty acids
  - b. Decreased total fat intake
  - c. Increased saturated fatty acid intake
  - d. Increased vegetable and fibre in diet
  - e. Regular exercise
7. A 60 yr old man with left sided carcinoma colon presented with intestinal obstruction. Further management would include
  - a. Hartmanns operation
  - b. Decompression
  - c. Left hemicolectomy
  - d. Proctocolectomy with ileoanal anastomoses
  - e. Radiotherapy
8. The drugs useful in treatment of Ectopic pregnancy is
  - a. Methotrexate
  - b. Actinomycin D
  - c. Cyclophosphamide
  - d. Pottassium fluoride
  - e. Adriamycin
9. The resting membrane potential depends on which of the following ions
  - a. Magnesium
  - b. Calcium
  - c. Pottassium
  - d. Sodium
  - e. Chloride
10. Leukemia in children greater then 2 years may present with which of the following changes in the bones
  - a. Lytic lesions
  - b. Osteoporosis
  - c. Metaphyseal band
  - d. Periosteal new bone formation
  - e. Osteosclerotic lesions
11. All of the following are true about inflammatory bowel disease except
  - a. Surgery is useful in interactive ulcerative colitis
  - b. Chronic ulcerative colitis can become malignant
  - c. Proctocolectomy with ileoanal anastomoses is useful in crohns disease
  - d. Steroids have no role in treatment
  - e. Associated with malena
12. Prostaglandins with vasodilatory effect include
  - a. PGE1
  - b. TXA2
  - c. Prostacyclin
  - d. PGF2 alpha
  - e. Leukotriene D4
13. Which of the following is true about nephritic syndrome due to minimal change disease
  - a. Minimal change disease is most common cause of nephritic syndrome in children
  - b. Cyclophosphamide and levamisole are used in treatment
  - c. Treatment is indicated only after biopsy
  - d. Heamturia is a prominent feature
  - e. Steroids are used in the treatment
14. True about Vancomycin is
  - a. Can be used for anaerobic organisms
  - b. Acts on cell wall
  - c. Used for gram negative organisms
  - d. Rash is adverse effect
  - e. Acts on cell wall

15. Which of the following is true about otosclerosis
- Greater than 50% are inherited in autosomal dominant fashion
  - More common in females
  - Pregnancy has bearing on disease
  - Causes sensorineural deafness
  - Treatment is with sodium fluoride
16. A man with low back pain and progressive stiffness of back. All of the following would be true about his disease except
- HLA B27 association
  - X ray sacroiliac joint is useful
  - Anterior uivietis
  - X ray abdomen is useful
  - More common in females
17. In a patient with intestinal obstruction which of the following investigations would be required
- X ray abdomen
  - Barium meal
  - Upper GI Endoscopy
  - Ultrasonography
  - CT abdomen
18. Scrapping of skin is useful in diagnosis of which of the following
- Sporothrix
  - Dermatophytosis
  - Coccidioidomycosis
  - Botryomycosis
  - Herpes infection
19. Radiological appearance of osteosarcoma includes
- New bone formation
  - Soap bubble appearance
  - Codman's triangle
  - Onion peel appearance
  - Sunray appearance
20. For primary prevention of caries which of the following would be useful
- Fluoridation of water
  - Screening
  - Cleaning of teeth and dental filling
  - Health education
  - Calcium supplementation
21. Prozone phenomenon in precipitation reaction indicates
- False positive reaction
  - False negative reaction
  - Due to excess antibodies
  - Due to excess antigens
  - Broken antibodies
22. Which of the following are capsulated organisms
- Histoplasma capsulatum
  - Heamophilus influenza
  - Candida albicans
  - Cryptococci
- e. Chlamydia
23. Which of the following are features of schizophrenia
- Thought broadcasting
  - Thought insertion
  - Made effect
  - Avolition
  - Flight of ideas
24. Selective serotonin reuptake inhibitors include which of the following
- Flouvaxamine
  - Paroxitene
  - Flouxetine
  - Mertazoline
  - Venlafaxine
25. The nerve supply for thenar group of muscles include
- Radial nerve
  - Median nerve
  - Ulnar nerve
  - Anterior interossius nerve
  - Posterior interossius nerve
26. Testicular feminization syndrome includes
- Mullerian structures are well developed
  - Female genitalia
  - Ambiguous genitalia
  - 46 XY
  - 46 XX
27. All of the following are features of childhood rickets except
- Excessive sweating
  - Large anterior fontanel
  - Increased alkaline phosphatase
  - Decreased calcium
  - Increased weight gain
28. Flight of ideas is seen in which of the following diseases
- Depression
  - Schizophrenia
  - Mania
  - Obsessive disorders
  - Hysteria
29. Lower esophageal sphincter pressure is decreased by which of the following
- Coffee/Tea
  - Anta acids
  - Diazepam
  - Alcohol
  - Fat intake
30. The left ureter is closely related to which of the following
- Qaudratus lumborum
  - Iliac vessels
  - Sigmoid mesocolon
  - Gonadal vessels
  - Left renal artery

31. True about Reverse transcriptase action is
- Causes formation of DNA from RNA
  - Causes formation of RNA from DNA
  - IN HIV infection
  - Used in gene therapy
  - In herpes infection
  - NADPH is required
32. The enzymes required in the formation of hydrogen peroxide include
- Dehydrogenases
  - Oxidases
  - Oxygenases
  - Ligase
  - Peroxidase
33. Prion diseases include
- Fatal familial insomnia
  - Gerstman strausler disease
  - Creutzfeldt Jakob disease
  - Alzhiemers disease
  - Huntington's disease
34. True about Vitamin K treatment include
- Increases formation of II, VII, IX, X factors
  - Does not cause hemolysis
  - Causes formation of I,II,X,XII, XIII factors
  - Can be used in liver disease
35. DNA polymerase has which of the following actions
- 3-5 exonuclease
  - 3-5 polymerase
  - 5-3 polymerase
  - hn RNA lyase
  - Ligase
36. To differentiate between mitochondrial and peroxisomal enzyme activity, it would be found that in peroxizomes
- There is higher enzymatic activity
  - Higher number of cascades
  - Hydrogen peroxide forming enzymes are present
  - NADPH is required
37. Electron microscopy is useful in which of the following diseases
- Prion disease
  - Rota virus
  - CMV
  - HSV
  - Calci virus
38. CMV retinitis is treated with
- Ribavirin
  - Gancyclovir
  - Valacyclovir
  - Acyclovir
  - Amantadine
39. Features of Meniers disease include
- Vertigo
  - Nystagmus
  - Deafness
  - Tinnitus
  - Diplopia
40. True about etiopathogenesis of Alzhiemers disease include
- APP gene defect
  - Prion disease
  - Autoantibody formation
  - Herpes infection
41. True about Rabies includes
- Encephalitis is a feature
  - Low mortality rate
  - Negribodies are seen in thalamus and pituitary gland
  - Can be prevented by post exposure prophylaxis
  - Caused by DNA virus
42. True about Dezocine as compared to morphine include
- Lesser histamine release
  - Lesser potency than morphine
  - Greater potency than morphine
  - Lesser dependency
43. A young boy presented with fever, sinusitis, multiple cranial nerve palsies and proptosis. The diagnosis is/are
- Temporal lobe abscess
  - Cavernous sinus thrombosis
  - Meningitis
  - Petrositis
  - Zygomatic abscess
44. Post traumatic vertigo is seen in
- Benign positional vertigo
  - Vestibular neuronitis
  - Secondary hydrops
  - Ossicular discontinuity
  - Perilymph fistula
45. Which of the following conditions is associated with decreased levels of serum alpha fetoprotien in the mother
- Pre eclampsia
  - IUGR
  - Trisomy 21
  - Multiple pregnancy
  - Large baby
46. Complications in the use of thiopentone sodium include
- Arterial spasm
  - Hypotension
  - Urticarial rash
  - Increased airway resistance
  - Cholinergic symptoms
47. Which of the following are associated with ion channel receptors
- N-M junction
  - GABA-A

- c. GABA-B  
d. Opioid alkaloids
48. Torsades de pontes is caused by which of the following
- Quinidine
  - Digoxin
  - Lignocaine
  - Procainamide
  - Dysopyramide
49. Trophoblast derivatives include
- Amnion
  - Placenta
  - Chorion
  - Inner cell mass
  - Cytotrophoblast
50. Intraurethral catheter insertion is done in all of the following conditions except
- Urethral stricture
  - BPH
  - Post-operative retention
  - Prostatic carcinoma
  - Urethral trauma
51. Antagonists to opium poisoning include
- Neostigmine
  - Nalorphine
  - Buprenorphine
  - Prydostigmine
  - Meptazinol
52. True about calcium is/are
- Entry is regulated by calmodulin uptake
  - Extracellular concentration of calcium is 10,000 times more than intracellular
  - Symport uptake
  - Entry into cell is passive
  - Released by sarcoplasmic reticulum
53. Folic acid prophylaxis is useful in preventing
- IUGR
  - Neural tube defects
  - Pre eclampsia
  - Aneamia
  - Congenital heart disease
54. Causes of breech presentation include
- Oligohydramnios
  - Placenta previa
  - Previous caesarian section
  - Hydrcephalus
  - Contracted pelvis
55. Ebstein Barr virus is implicated in causation of which of the following
- Hepatocellular carcinoma
  - Renal cell carcinoma
  - Nasopharyngeal carcinoma
  - Burkitts lymphoma
  - Hodgkins lymphoma
56. Tumor markers of testicular tumors include
- CA 15-3
  - LDH
  - HCG
  - Alpha fetoprotein
  - Alpha 1 antitrypsin
57. Features of systemic sclerosis include
- Sclerodactyly
  - Raynauds phenomenon
  - Antifibrillin antibodies
  - Calcinosis cutis
  - Aortic regurgitation
58. Tumors sensitive to radiotherapy include
- Leukemia
  - Lymphoma
  - Sarcoma
  - Seminoma
  - Gastric adenocarcinoma
59. Tumor markers of hepatocellular carcinoma include
- CEA
  - Des gamma carboxyprothrombin
  - CA 19-9
  - Fucosilated alpha protein
  - Alpha fetoprotein elevated in greater than 70%
60. Absolute lymphocytosis is seen in which of the following
- Tuberculosis
  - Chronic lymphocytic leukemia
  - HIV
  - Giardiasis
  - H. Influenza infection
61. Acute phase reactant proteins include
- Alpha 1 amyloid protein
  - Globulins
  - Haptoglobins
  - Fibronogen
  - Albumin
62. True about pulmonary hypertension include
- Primary is more common in men
  - Occurs in left ventricular dysfunction
  - Interstitial lung fibrosis is a cause
  - Multiple emboli can cause
63. Complete third nerve palsy is associated with
- Ptosis
  - Eye is deviated medially
  - Paralysis of superior and inferior rectus
  - Accomodation intact
  - Dilated pupils
64. Egg shell calcification is seen in
- Silicosis
  - Bronchogenic carcinoma
  - Sarcoidosis
  - Lymphoma
  - Berylliosis
65. True about small intestinal tumors include
- Most common small intestinal tumor is lymphoma

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- b. Most common site is duodenum  
c. Adenocarcinoma occurs more commonly in ileum  
d. Presents usually with intestinal obstruction  
e. Atrophic gastritis
66. All of the following cells are seen in Hodgkin's except  
a. Hodgkin cells  
b. L & H cells  
c. Langerhan cells  
d. Lacunar cells  
e. Reed Sternberg cells
67. Which of the following are causes of posterior mediastinal mass  
a. Neuroenteric cyst  
b. Neurogenic cyst  
c. Anterior thoracic meningocele  
d. Lymphoma  
e. Bronchogenic cyst
68. Premalignant lesions include  
a. Bronchiectasis  
b. Menetiers disease  
c. Ulcerative colitis  
d. Peutz Jeghers disease  
e. Hyperplastic polyp
69. Thickened mucosal walls in the stomach occur due to  
a. Lymphoma  
b. Giardiasis  
c. Varicosis  
d. Herpes infection  
e. Atrophic gastritis
70. Nasal foreign body in children is associated with  
a. Inanimate objects more common  
b. Presents with unilateral foul smelling discharge  
c. Serous discharge bilaterally is a common presentation  
d. Sometimes associated with unilateral bloody discharge  
e. Most common cause of epistaxis
71. Metaphyseal lesions seen commonly are  
a. Metaphyseal fractures  
b. Osteomyelitis  
c. Osteosarcoma  
d. Ewing's sarcoma  
e. Osteoclastoma
72. Post trauma a patient presents with a pulsatile swelling in the groin with distal pulses present. Doppler indicated femoral vessel injury. Further management includes  
a. Ligate femoral artery and vein  
b. Ligate femoral vein and repair the artery  
c. Repair artery and vein  
d. Ligate femoral artery and repair the femoral vein
73. The aortic opening transmits  
a. Aorta  
b. Thoracic duct  
c. Sympathetic chain  
d. Azygous vein  
e. Hemiazygous vein
74. Erb's point is formed by the confluence of  
a. C7, C8  
b. C5, C6  
c. C8, T1  
d. C2, C3  
e. C4, C5
75. Sestamibi scan can be used to diagnose which of the following  
a. Parathyroid hyperplasia  
b. Parathyroid adenoma  
c. Ectopic parathyroid  
d. Goitre  
e. Adrenal tumor
76. The treatment of displaced patella fracture includes  
a. POP cast  
b. Tension band wiring  
c. External fixators  
d. Patellectomy  
e. Wiring with absorbable sutures
77. The left border of the heart is formed by  
a. Pulmonary Artery  
b. Pulmonary vein  
c. Right ventricle  
d. Ascending aorta  
e. Arch of aorta
78. True about rigor mortis is all of the following except  
a. Appear and disappears in ascending and descending order  
b. 1<sup>st</sup> appears in chin  
c. During summer it starts by 24-48 hours  
d. During winter it starts by 48-72 hours  
e. It occurs early following drowning
79. In acute inflammation the migration of neutrophils and its attachment to endothelium is mediated by which of the following  
a. Integrins  
b. Selectins  
c. Adhesins  
d. Perforins  
e. Opsonins
80. Vanishing bile duct syndrome is associated with  
a. Sarcoidosis  
b. Hepatitis C  
c. Non cirrhotic portal fibrosis  
d. Graft versus host disease  
e. PAN
81. Which of the following are associated with extrahepatic biliary obstruction  
a. Conjugated jaundice  
b. Increased alkaline phosphatase  
c. Ascites  
d. Malabsorption
82. Increased LAP score is seen in which of the following

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- a. PNH
  - b. Polycythemia
  - c. CML
  - d. Hodgkins disease
  - e. Aplastic aneamia
83. Platelet dysfunction is seen in which of the following
- a. Von willibrands disease
  - b. Polycythemia
  - c. Leukemia
  - d. Bernard soullier
  - e. Glanzmanns disease
84. Superficial peroneal muscles include
- a. Superficial transverse peroneii
  - b. Ischiocavernosis
  - c. Iliococcygeosis
  - d. Pubococcygeosis
  - e. Bulbospongiosis
85. True regarding physiological jaundice includes
- a. It occurs due to increased RBC destruction
  - b. Indication to stop breast feeding
  - c. Lasts upto 3 weeks
  - d. Appears before 24 hours
  - e. Due to biliary obstruction
86. Increased arterial thrombosis occurs due to
- a. Antiphospholipid antibody syndrome
  - b. Protien S deficiency
  - c. Protien C deficiency
  - d. Decreased Antithrombin III
  - e. Increased fibronogen
87. In a patient in the ICU was presented with pH 7.28 and BP 90/70 and dehydration. Further management would include
- a. Bicarbonate injection
  - b. Correction of dehydration with IV fluids
  - c. Dopamine infusion
  - d. Adrenaline is given
  - e. Pottassium supplementation
88. When hypoglyceamic coma is suspected then glucose is to be infused based on
- a. Clinical assessment only
  - b. After consulting endocrinologist
  - c. After blood glucose estimation
  - d. After seeing for urine glucose
  - e. After ruling out electrolyte imbalance
89. Diabetes mellitus is associated with all of the following except
- a. Neuropathy
  - b. Encephalopathy
  - c. Myopathy
  - d. Myelitis
  - e. Myelopathy
90. True about Apoptosis is
- a. Caspases are activated
  - b. There is intranuclear chromosomal clumping
  - c. Macrophages engulf remnants of apoptic material
  - d. Perforation in lysosomes is characteristic feature
  - e. There is migration of lymphocytes and neutrophils to apoptotic site
91. Predisposing factors in colonic cancer is/are
- a. Animal fat consumption
  - b. Familial adenomatous polyposis
  - c. Ulcerative colitis
  - d. Crohns disease
  - e. Tuberculosis
92. Acute lung injury is associated with
- a. Selected dilatation of pulmonary blood vessels
  - b. There is shunting of blood
  - c. Pericardial effusion
  - d. Parenchymal edema
  - e. Normal capillary wedge pressure
93. Transient weakness is seen in which of the following
- a. Eaten Lambert syndrome
  - b. Guillian barre syndrome
  - c. Hypokalemia
  - d. Multilpe sclerosis
  - e. Myasthenia Gravis
94. True about hypospadiasis is
- a. Dorsal hooded prepuce
  - b. Lateral bending
  - c. Urethral stricture
  - d. Meatal stenosis
  - e. Ventral meatal opening commonest
95. Regulation of phosphofructkinase I and II and pyruvate kinase is found in which of the following
- a. Erythrocytes
  - b. Muscle
  - c. Liver
  - d. Brain
  - e. Skin
96. True about Esmolol is
- a. It has intrinsic sympathomimetic activity
  - b. Action lasts for more than 6 hours
  - c. It is a selective beta blocker
  - d. Avoided in asthma
97. Neural crest derivatives include
- a. Adrenal medulla
  - b. Adrenal cortex
  - c. Sympathetic ganglia
  - d. Cauda equina
  - e. Dorsal horn cells
98. The factors which promote tumor growth include
- a. Bcl 2 increased
  - b. Decreased P 53
  - c. Increased bcl2:bax ratio

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- d. Increased p 53 activity
99. Repeating DNA segments are seen in
- Cloned DNA
  - Histone DNA complex
  - DNA satellites
  - Telomeres
  - DNA formed through reverse transcriptase
100. Bone marrow suppression in a patient of HIV is seen in use of which of the following drugs
- Zalcitabine
  - Cotrimoxazole
  - Dapsone
  - Steroids
  - Indinavir
101. True about RNTCP includes
- DOTS is an essential mode of treatment
  - Active surveillance done
  - Active case finding done
  - Has been implicated all over India and replaced the earlier tuberculosis control programme
  - Drugs are dispensed in multiblister packs
102. Susruta samhita was translated by
- Celsius
  - Milliard
  - Bhargabhata
  - Maurice
  - Bernard
103. Diabetes causes which of the following abnormalities in the baby
- Hyperglycemia
  - Neural tube defects
  - Hypocalcemia
  - IUGR
  - VSD
104. Man is more evolved creature than monkeys. On comparison between the two to is
- More convolutions in the brain of monkeys
  - Brain body ratio is more in humans
  - The brain size is bigger in monkeys
  - Color vision is present in monkeys
  - Frontal lobe better developed in man
105. True about PHC referral services include
- Basic lab investigations done
  - Maternal and child health catering
  - Speciality services
  - Registration of births and deaths
  - Health education
106. Warfarin induced skin necrosis is due to
- Protein C deficiency
  - Protein S deficiency
  - Antithrombin III defect
  - Increased factor VII
  - Increased platelet count
107. True about tuberculosis include
- Prevalence of disease is 4/1000
  - Prevalence of infection is 30%
  - Incidence of infection is 20%
  - Incidence of disease is 3/1000
  - Incidence of disease is by Tuberculin conversion index
108. True about Stien Levinthal syndrome is
- LH increased
  - Seen in postmenopausal women
  - Follicular cysts
  - May present with amenorrhea/oligomenorrhea
  - Theca internal hypertrophy
109. True about intestinal neoplasms is/are
- Sessile polyps have higher malignant potential
  - Villous adenoma is not premalignant
  - Familial adenomatosis is associated with high incidence of malignancy
  - Peutz Jeghers is premalignant
  - Lymphoma is most common intestinal tumor
110. Causes of palpable purpura include
- HUS
  - DIC
  - Henoch sheonlien purpura
  - TTP
111. In a young patient with arthritis affecting the right knee joint. Which of the following can be considered as d/d
- Gout
  - Tuberculosis
  - Rheumatoid arthritis
  - Gonococcal arthritis
  - Osteoarthritis
112. Classical complement pathway is activated by
- IgA
  - IgG
  - IgM
  - IgD
  - IgE
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- b. Tuberculosis  
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d. Gonococcal arthritis  
e. Osteoarthritis
116. Classical complement pathway is activated by  
a. IgA  
b. IgG  
c. IgM  
d. IgD  
e. IgE  
f.
117. The major criteria for HIV include  
a. Weight gain greater than 10 %  
b. Diarrhea > 1 month  
c. Cough > 1 month  
d. Fever greater than 1 month  
e. Oropharyngeal candidiasis
118. True about typhoid is  
a. Ty21a is an oral vaccine  
b. Widal is positive in 1<sup>st</sup> week  
c. Infective organism is transported in water  
d. Chronic carrier state is uncommon  
e. Subclinical cases are rare
119. True about iron absorption is  
a. It is increased in decreased body iron stores  
b. Increased by increased gastric acidity  
c. Decreased in inflammatory bowel disease  
d. Absorption occurs in duodenum  
e. It is mainly in the ferrous state
120. A 45 year old lady presented with history of bleeding P/V. She was diagnosed to have Carcinoma in situ. The treatment modalities in her would include  
a. Laser excision  
b. Conization  
c. Cautery  
d. Cryosurgery  
e. Radiotherapy
121. True about extrarenal pheochromocytoma include  
a. Nor epinephrine is the predominant hormone secreted  
b. Epinephrine is the predominant hormone excreted  
c. Most common site is retroperitoneal region  
d. Headache is a feature
122. True about diarrhea due to vibrio cholera  
a. Vaccine is very effective  
b. Subclinical cases are rare  
c. Infection is spread by water  
d. Antibiotics can be used as prophylaxis  
e. Chronic carrier state is persistent
123. The ovulation changes in a woman can be known by  
a. The progesterone level  
b. Temperature changes  
c. Estradiol level  
d. Ultrasonography
124. True about extrarenal pheochromocytoma include  
a. Nor epinephrine is the predominant hormone secreted  
b. Epinephrine is the predominant hormone excreted  
c. Most common site is retroperitoneal region  
d. Headache is a feature
125. Which of the following is/are true about tonsil  
a. It lies on the superior constrictor  
b. The vertical axis is directed anteromedially  
c. The infection spreads to the jugulodigastric nodes  
d. Pain due to tonsillitis is referred to the ear  
e. Streptococci is most common cause of bacterial infection
126. All of the following are true about lymphangioma except  
a. Cystic hygroma is a type of lymphangioma  
b. Sclerotherapy is the treatment of choice  
c. Surgical excision is done  
d. It is congenital in origin  
e. Infection is the most common cause
127. In carbon monoxide toxicity  
a. There is left shift of oxygen dissociation curve  
b. Saturation of oxygen at 50% PaO<sub>2</sub> is decreased  
c. Oxygen content of arterial blood is decreased  
d. Induces a state of metabolic acidosis  
e. Oxygen is used in treatment
128. Weakness in the contraction of the heart may be due to which of the following  
a. Metabolic acidosis  
b. Respiratory alkalosis  
c. Hypophosphatemia  
d. Hypocalcemia  
e. Hyperkalemia
129. The enzyme marker for golgi apparatus is  
a. n-acetyl galactosamine  
b. Galactosyl transferase  
c. Glutamate dehydrogenase  
d. Glucose 6 phosphatase  
e. Acid phosphatase
130. All of the following are true about Ludwig's angina except  
a. It is an infection of the floor of the mouth  
b. It may involve the sublingual and submandibular spaces  
c. It is caused by H. Influenza  
d. Treatment is with antibiotics  
e. Caused by anaerobic organisms
131. A 26 year woman with a dead fetus in transverse lie and with hand prolapse is now in second stage of labour. The management would include  
a. Craniotomy  
b. Decapitation

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- c. Clottedotomy  
d. Cesarean section  
e. Amniotomy
132. The substance used in the formation of the intraocular lens is  
a. Silicone  
b. Poly methyl acrylate  
c. Methyl polysiloxane  
d. Glass  
e. Fibre
133. The agent/agents implicated in the pathogenesis of coronary artery disease include  
a. H. Influenza  
b. Chlamydia pneumoniae  
c. Herpes  
d. Streptococcus pneumoniae  
e. CMV
134. The complications with the use of dapsone would include  
a. Exacerbation of leprosy  
b. Hemolysis in G6PD deficiency  
c. Jaundice  
d. Rashes  
e. Bone marrow suppression
135. Which of the following tests would be useful in the diagnosis of cataract  
a. Gonioscopy  
b. Colour vision  
c. Slit lamp examination  
d. Contrast sensitivity  
e. Ultrasonography
136. The immunoglobulin transferred across the from mother to child is  
a. IgM  
b. IgG  
c. IgD  
d. IgE  
e. IgA
137. The drugs that would be used in a patient who is HIV positive that would be likely to cause bone marrow suppression include  
a. Zalcitabine  
b. Cotrimoxazole  
c. Dapsone  
d. Nelfinacir  
e. Didanosine
138. Honey combing appearance in radiology would be seen in  
a. Tuberculosis  
b. Interstitial lung fibrosis  
c. Bronchogenic carcinoma  
d. Silicosis  
e. Aspergilloma
139. Which of the following is/are true about babesiosis  
a. Caused by Babesia microti  
b. Chloroquine is used in treatment  
c. It is found in WBC's  
d. It is found in RBC's  
e. Causes bone marrow suppression
140. In cerebral malaria true is  
a. Pathogenesis is due to ischemia due to capillary blockage  
b. Hyperglycemia  
c. Hyperviscosity  
d. Most commonly caused by P. Vivax  
e. Meningitis signs may be absent
141. Aldosterone formation is stimulated by  
a. Renin  
b. Atrial natriuretic peptide  
c. Dopamine  
d. Endorphin  
e. Adrenaline
142. Iron absorption is increased in which of the following conditions  
a. Iron deficiency  
b. In ferric form  
c. Increased gastric acidity  
d. In chronic inflammatory bowel disease
143. Platelet dysfunction is seen in which of the following diseases  
a. Von Willibrands disease  
b. HUS  
c. Bernard Soulier syndrome  
d. Glanzmann's defect  
e. Polycythemia
144. Splenic dysfunction is seen in  
a. Tropical splenomegaly  
b. SLE  
c. Celiac sprue  
d. Polycythemia  
e. Weber-Christian disease
145. All of the following are due to paraneoplastic effects and not due to direct metastasis in a patient with lung carcinoma except  
a. Jaundice  
b. Cushing's syndrome  
c. Hypercalcemia  
d. Addison's disease  
e. Lytic lesions in bone
146. Increased ferritin levels with hyperpigmentation with diabetes. Which of the following are causes in a non-alcoholic patient  
a. Atransferrinemia  
b. Aceruloplasminemia  
c. Thalassemia  
d. Sideroblastic anemia  
e. Wilson's disease

147. The blood supply of stomach would include
- Left gastric artery
  - Phrenic artery
  - Left gastroepiploic artery
  - Short gastric arteries
  - Splenic artery
148. Diseases eradicated in the world include
- Small pox
  - Measles
  - Guinea worm
  - Polio
  - Chicken pox
149. True about impetigo is
- Caused by streptococci
  - Does not scar on healing
  - Intraepidermal
  - Caused by staphylococci
  - Not contagious
150. What is the age of the child when he can follow horizontally  $180^\circ$  has got almost full head control and cannot sit without support
- 2 months
  - 3 months
  - 6 months
  - 9 months
  - 10 months
151. Mesenteric artery thrombosis presents with
- Chronic abdominal pain
  - Short bowel syndrome is a problem of intestinal resection in this
  - Presents with distended abdomen and intestinal obstruction
  - Heparin is used in the treatment
  - Maleana is a rare feature
152. The predominant hormone secreted by the extra-adrenal pheochromocytoma is
- Epinephrine
  - Nor-epinephrine
  - Dopamine
  - Phenylalanine
  - VMA
153. The complications with the use of oral polio vaccine include
- Decreased immunity
  - Poliomyelitis
  - Polio in contacts of recipients
  - Gullian Barre syndrome
  - Myopathy
154. The Swan Ganz catheter is used to know which of the following
- Oxygen saturation in pulmonary vessels
  - Pressure of pulmonary artery
  - Collapsing pressure of pulmonary vessels
  - Capillary wedge pressure
155. True about alpha 1 antitrypsin deficiency is
- Transmitted as autosomal dominant inheritance
  - Causes emphysema
  - Pas positive with catalase resistance bodies
  - Orcien positive bodies
  - Causes periportal fibrosis
156. Which of the following are features seen in spring catarrh
- Horners spots
  - Tranta spots
  - Arlts line
  - Pappillary hyperplasia
  - Follicular hyperplasia
157. Investigations useful in patients with retinal detachment include
- Direct ophthalmoscopy
  - Indirect ophthalmoscopy
  - Triple mirror examination
  - Ultrasonography
  - Gonioscopy
158. Pulmonary hypertension is associated with
- Congestive cardiac failure
  - Myocardial infarction
  - Interstitial lung fibrosis
  - Bronchial asthma
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  - Bronchial asthma
163. Tracheostomy is done in
- Tetanus

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- b. Flial chest  
c. Cardiac tamponade  
d. Fracture femur  
e. # pelvis
164. In a 22 year lady with 2.2 kg baby. LMP was not known. The age of the baby can be approximately calculated by  
a. Sole crease  
b. Helix of ear  
c. Articular cartilage  
d. Anterior fontanel  
e. Birth weight
165. Newer antihistamines include  
a. Azelastine  
b. Fexofenadine  
c. Desloratadine  
d. Chlorpheniramine maleate  
e. Levorphenol
166. To differentiate proteins based on size and not on charge is done by which of the following procedures  
a. Ion exchange chromatography  
b. Paper chromatography  
c. SDS –PAGE  
d. Electrophoresis  
e. Sedimentation
167. Purpura is seen in  
a. Meningococcemia  
b. Scurvy  
c. HUS  
d. DIC  
e. ITP
168. In brow presentation the engaging diameter is  
a. Submentovertical  
b. Mentovertical  
c. Submentobregmatic  
d. Suboccipitofrontal  
e. Suboccipitobregmatic
169. The cardiac activity can be seen first using transvaginal ultrasonography by how many weeks  
a. 8 weeks  
b. 6 weeks  
c. 4 weeks  
d. 10 weeks  
e. 7 weeks
170. Activated charcoal is used in which of the following poisonings  
a. Alcohol  
b. Barbiturates  
c. Arsenic  
d. Mercury  
e. Lead
171. In a woman diagnosed to have PID, which of the following would form treatment modalities for the complications  
a. Laproscopic assisted vaginal hysterectomy  
b. Broad spectrum antibiotics  
c. Culdocentesis  
d. Drainage of tubo-ovarian abscess  
e. Laparotomy
172. Secretory diarrhea is caused by  
a. Lactase deficiency  
b. Gastrinoma  
c. Mastocytosis  
d. Carcinoid tumor  
e. Short bowel syndrome
173. For gene therapy introduction of gene into cell, the modes utilized include  
a. Intranuclear injection  
b. Extraplation  
c. Lipid peroxisomal liposomes  
d.
174. Carcinoma cervix is caused by which of the following types of HPV  
a. 16 and 18  
b. 31 and 33  
c. 21 and 22  
d. 11 and 22  
e. 6 and 11
175. Delayed putrefaction is seen in poisoning due to  
a. Lead  
b. Mercury  
c. Arsenic  
d. Nitric acid  
e. Iron
176. A 45 year woman was found to have CIS. The treatment would include  
a. Cryosurgery  
b. Cautery  
c. Laser surgery  
d. Conization  
e. Cyclophosphamide
177. True about stem cells is/are  
a. They are terminally differentiated cells  
b. Present in the peripheral circulation  
c. Are used in genetic therapy  
d. Divide to form different cell lines
178. Herpes Zoster infection in a patient is indicative of  
a. Diabetes  
b. HIV  
c. Leukemia  
d. Lymphoma  
e. Nephrotic syndrome
179. True about inguinal canal include  
a. It is an intramuscular canal  
b. The deep inguinal ring is an opening by the external oblique muscle  
c. The superficial ring is superomedial to pubic tubercle  
d. The inguinal canal contains round ligament in females  
e. It transmits the testicular artery and veins in males

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180. All of the following would be done in a patient with strangulated inguinal hernia except
- X ray abdomen
  - Aspiration of fluid
  - Ultrasonography
  - CT abdomen
181. A 24 year patient came with a history of trauma and on examination his blood pressure was 100/60 with tachycardia. Ultrasonography demonstrated splenic laceration. He was infused with fluids and later his BP was stable at 120/70. Further management would include
- Immediate laparotomy and splenectomy
  - Immediate laparotomy and splenic repair
  - Monitoring and surgery only if patient deteriorates
  - Laparoscopic splenic repair
182. In a patient with lower ulnar nerve palsy which of the following would be seen
- Loss of extension at carpometacarpal joints
  - Sensory loss over dorsal surface of medial 4 fingers
  - Loss of abduction at thumb
  - Weakness of hand movements
  - Thenar wasting
183. True regarding hernia is/are
- Strangulated hernia may be asymptomatic
  - Strangulated hernia is common in direct hernia
  - Hernia more common on the right
  - Femoral hernia more common in females
  - Femoral hernia is most common type of hernia in females
184. In a 70 year patient who presented with pain abdomen and shock was found to have abdominal aneurysm. All of the following would be done in the management except
- Arrange 6 units of blood
  - Correction of fluids with crystalloids
  - CT abdomen
  - Ultrasonography
  - Immediate laparotomy with repair
185. Cervicitis is caused by
- Chlamydia trachomatis
  - Candida albicans
  - Trichomonas vaginalis
  - Staphylococci
  - Pseudomonas
186. The drugs preferred in a cyclosporine induced hypertension is
- Betablockers
  - Clonidine
  - Calcium channel blockers
  - Enalapril
  - Furosemide
187. True about Esmolol is
- Has a peak effect after 6 hours
  - It's a non selective beta blocker
  - Can be used in asthma
  - Can be used in renal disease
188. True about bacterial vaginosis is
- Clue cells
  - Amine test positive
  - pH <4.5
  - No pus cells in discharge
  - Metronidazole is used treatment
189. The best investigation to diagnose a breast lump is
- Bidirectional mammography
  - CT scan
  - Fine needle aspiration cytology
  - MRI
  - Angiography
190. True about Esmolol is/are
- Increased air way resistance
  - It's a non selective beta blocker
  - Does not have intrinsic sympathomimetic activity
  - Short half life
191. In a patient who came with head ache was found to have a BP of 190/120. The treatment would include
- Oral enalapril
  - Sublingual nifedipine
  - Intravenous enalapril
  - IV nitroglycerine
  - Beta blockers
192. Call exner bodies are seen in
- Leydig cell tumor
  - Granulosa cell tumor
  - Embryonal cell carcinoma
  - Endodermal sinus tumor
  - Brenner's tumor
193. Inheritance of mitochondrial DNA is
- Maternal
  - Paternal
  - Vertical
  - Horizontal
  - X linked
194. In a pregnant lady with intrahepatic cholestasis
- Associated with high maternal mortality
  - Pruritus is a feature
  - Jaundice
  - Increased fetal abnormality
195. Enzyme defect is found in which of the following diseases
- Achondroplasia
  - Phenylketonuria
  - Von willibrands disease
  - Ataxia telengectasia
196. In a patient with gastric outlet obstruction who presented with recurrent episodes of vomiting. Before surgery fluid correction would include
- Normal saline

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- b. Normal saline with potassium supplementation  
c. Hypertonic saline with potassium supplementation  
d. Ringer lactate solution  
e. Dextrose water
197. True about acanthosis nigricans is  
a. Obesity  
b. It is associated with insulin resistance  
c. Is a marker for internal malignancy like adenocarcinoma  
d. It is present in the axillary region  
e. Hyperpigmentation
198. Complete hydatiform mole is associated with  
a. Triploidy  
b. Diploidy  
c. Malignant change in 2 %  
d. Cyclophosphamide is used in treatment
199. All of the following are autosomal recessive except  
a. Phenylketonuria  
b. Alpha 1 antitrypsin deficiency  
c. Hereditary spherocytosis  
d. Gauchers disease  
e. Hereditary hemochromatosis
200. True about alpha 1 antitrypsin deficiency is  
a. Associated with emphysema  
b. There are PAS positive diastase resistant granules in the liver  
c. There are orcin positive granules in the liver  
d. Inherited as autosomal recessive  
e. Associated with enzyme defect
201. True about Peutz Jeghers is  
a. Premalignant  
b. Pigmentation over lips  
c. 50% are inherited as autosomal dominant  
d. Hyperkalemia
202. Diseases inherited with triple repeat sequences include  
a. Huntingtons chorea  
b. Alzheimers disease  
c. Spinocerebellar ataxia  
d. Amytrophic lateral sclerosis  
e. Ataxia telengectasia
203. Which of the following are features of spinal shock  
a. Spasticity  
b. Urinary retention  
c. Areflexia  
d. Sensory level  
e. Increased DTR's
204. All of the following are premalignant except  
a. Peutz jeghers  
b. Menetiers disease  
c. Hyperplastic polyp  
d. Familial adenomatosis polyposis  
e. Villous adenoma
205. In a patient with laparoscopic post cholecystectomy developed fever on the 3<sup>rd</sup> post operative day. Ultrasonography revealed subhepatic fluid collection of 12 cms. Further management would include  
a. Laparoscopic clipping of cystic duct and placement of drain  
b. Cystic duct ligation  
c. Laparotomy with Roux en Y formation  
d. Laparotomy with repair and T tube placement  
e. Hepatojejunostomy
206. True about site of lesion in amyotrophic lateral sclerosis include  
a. Pyramidal tracts  
b. Anterior horn cells  
c. Neuromuscular junction  
d. Ventral horn cells  
e. Posterior horn cells
207. Levobupivacaine can be used through which of the following modes  
a. Intrathecal  
b. Epidural  
c. Oral  
d. Intravenous  
e. Nasogastric tube
208. Treatment of hypercalcemia includes  
a. Saline diuresis and hydrochlorothiazides  
b. Plicamycin  
c. Streptozocin  
d. Gallium nitrate  
e. Levamisole
209. Snow ball opacities in vitreous is seen in which of the following  
a. Parsplanitis  
b. Rheumatoid arthritis  
c. Anterior uveitis  
d. Retinitis pigmentosa  
e. Endothelial dystrophy
210. Adventitial bursitis due to tuberculosis is found in which of the following sites commonly  
a. Prepatellar  
b. Greater trochanter of femur  
c. Sub acromial  
d. Metatarsal  
e. Sub olecranon
211. Endoscopic sinus surgery is indicated in which of the following  
a. Mucormycosis  
b. Inverted papilloma  
c. Allergic polyps  
d. Frontoethmoidal mucocele  
e. Maxillary polyps
212. Drugs used in parkinsonism include  
a. Amantadine  
b. Mazindol

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- c. Levodopa  
d. Metronidazole  
e. Methylphenidate
213. Peripheral neuropathy is seen in all of the following except  
a. Tuberculosis  
b. Polyarteritis nodosa  
c. Diabetes mellitus  
d. SLE
214. The best donor site for primary bone graft is  
a. Medial malleolus  
b. Pelvis  
c. Greater trochanter  
d. Olecranon  
e. Fibula
215. TB spine is associated with all of the following except  
a. Lordosis  
b. Night sweats  
c. Weight gain  
d. Gibbus  
e. Spasticity
216. Rhinorrhea is associated with fractures at which of the following sites  
a. Lefort-I(maxillary)  
b. Frontoethmoidal  
c. Mandibular  
d. Nasal bone  
e. Zygomatic  
f. Presence of pain
217. Which of the following predispose a patient to prehepatic encephalopathy  
a. Constipation  
b. Bacterial peritonitis  
c. Hemorrhage  
d. Hyperkalemia  
e. Dehydration
218. Rockerbottom foot is seen in which of the following  
a. Congenital vertical talus  
b. Over corrected foot  
c. Gracilis abnormality  
d. Forefoot correction with persistent equine deformity  
e. Posteromedial soft tissue contractures
219. Causative agent for pseudomembranous colitis include  
a. Staphylococci  
b. Clostridium difficile  
c. Streptococcus  
d. Pseudomonas  
e. Candida albicans
220. All of the following drain into the middle meatus except  
a. Maxillary sinus  
b. Frontal sinus  
c. Anterior ethmoidal  
d. Posterior ethmoidal  
e. Sphenoid sinus
221. Which of the following antibiotics are used anticancer drugs  
a. Plicamycin  
b. Cyclophosphamide  
c. Methotrexate  
d. Bleomycin  
e. Actinomycin D
222. Drugs acting against anaerobic organisms include  
a. Imipenims  
b. Vancomycin  
c. Metronidazole  
d. Aztreonam  
e. Amikacin

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