**JIPMER 2000**

**ANATOMY**

**1. The aortic opening in the diaphragm is at the level of**

A. T10

B. T12

C. T6

D. T8

**Ans. B**

**2. Which of  the following is not a content of the pudendal canal**

A. Pudendal nerve

B. Internal pudendal artery

C. Internal  pudendal vein

D. Nerve to obturator internus

**Ans. D**

**3. All the following are general visceral efferent  except**

A. Nucleus ambiguous

B. Dorsal nucleus of vagus

C. Salivatory nucleus

D. Edinger Westphal nucleus

**Ans. A**

**4. Angle formed by the shaft and the neck of the femur is \_\_\_ degrees**

A. 115

B. 125

C. 135

D. 145

**Ans. B**

**5.  Which of the following is a primary lymphoid organ**

A. Spleen

B. Lymphnode

C. Bonemarrow

D. Liver

**Ans. C**

**6. Tongue is protruded by which of the following muscle**

A. Hyoglossus

B. Palatoglossus

C. Myelohyoid

D. Genioglossus

**Ans. D**

**7. All of the following are features of flat type of pelvis except**

A. Narrow subpubic angle

B. Short concave sacrum

C. Divergent side walls

D. Wide sciatic notch

**Ans. A**

**8.  A lesion involving the C8 nerve root will affect**

A. Extensors of fingers and wrist

B. Flexors of  fingers and wrist

C. Small muscles of hand

**Ans. B**

**9.Dorsal scapular nerve supplies**

A. levator scapulae and rhomboids

B. supraspinatus and infra spinatus

C. lattismus dorsi

D. serratus anterior

**Ans. A**

**10. With foot off the ground and knee flexed, medial rotation of tibia is brought about by**

A. Popliteus

B. gastrocnemius

C. vastus medialis

D. adductor magnus

**Ans.**

**PHYSIOLOGY**

**11. 90% of CO 2 in blood is transported as**

A. Dissolved CO2

B. HCO3-

C. Carboxy haemoglobin

D. Carbamino haemoglobin

**Ans. B**

**12.  Hardy-Weinberg law is used to predict inheritance of which of the following type**

A. autosomal dominant

B. autosomal  recessive

C. x-linked dominant

D. x-linked recessive

**Ans. B**

**13.  Intercalating bridges in sarcomere are formed by**

A. actin

B. myosin

C. tropomyosin

D. calmodulin

**Ans. A**

**14.  Blood flow changes are least during exercise in**

A. Brain

B. Heart

C. Skin

**Ans. A**

**15.  The main fuel used during starvation by a healthy adult is**

A. free fatty acids

B. amino acids

C. glucose

D. ketone body

**Ans. C**?

**16.  Which of the following sensations is not converging on hypothalamus**

A. smell

B. fine touch

C. hearing

D. vision

**Ans. C**

**17. If acid is added to a medium containing intact mitochondria which of the following is seen**

A. uncoupling of phosphorylation

B. inhibition of Electron Transport Chain

C. inhibition of  phosphorylation

D. generation of ATP

**Ans.**

**18. Instrumental conditioning in learning was introduced and demonstrated by**

A. Pavlov

B. Skinner

C. Freud

D. Watson

**Ans. B?**

**19. Endothelium derived relaxation factor is supposed to be**

A. Nitric oxide

**Ans. A**

**20. The fine movements of voluntary muscles are controlled by**

A. Anterior corticospinal tract

B. Lateral corticospinal tract

C. Tectospinal

D. Vestibulospinal

**Ans.**

**BIOCHEMISTRY**

**21.  Features of  Vitamin C deficiency is due to defect of  which enzyme**

A. Lysyl hydroxylase

B. Lysyl oxidase

C. Procollagen peptidase

**Ans. A**

**22. Okazaki pieces are seen in**

A. DNA repair

B. DNA replication

C. Transcription

D. Translation

**Ans. B**

**23. Major Histocompatibility Complex is located on**

A. Long arm of chromosome 6

B. Short arm of chromosome 6

C. Long arm of chromosome 7

D. Short arm of chromosome 7

**Ans. B**

**24.Which of the following ketone bodies is commonest following prolonged starvation**

A. Aceto acetate

B. B-hydroxy buryrate

C. acetone

D. alpha ketoglutarate

**Ans. B?**

**25.  cAMP is degraded by**

A. Phosphodiesterase

B. Phosphokinase

C. Phosphatase

D. Xanthine oxidase

**Ans. A**

**MICROBIOLOGY**

**26.  Bacterial adherence to epithelium is mediated through**

A. pili

B. fimbriae

C. flagella

D. mesosomes

**Ans. A**

**27.  Which of the following organism is capsulated**

A. Histoplasma capsulatum

B. Cryptococcus neoformans

C. Candida albicans

**Ans. B**

**28.  Ova with lateral spines is a feature of**

A. Schistosoma japonicum

B. Schistosoma mansoni

C. Schistosoma haematobium

D. Schistosoma mekongi

**Ans. B**

**29. Which of the following is an oncogenic retrovirus**

A. HTLV-1

B. HPV

C. EBV

D. HBV

**Ans. A**

**30. Which of the following activates the alternate complement pathway**

A. IgA

B. IgG

C. IgM

D. IgD

**Ans. A**

**31. Which of the following activates the classical complement pathway**

A. Immune complex

B. Lipopolysaccharide

C. Exotoxin

**Ans. A**

**32.  Serum sickness is due to which type of hypersensitivity**

A. Type I

B. Type II

C. Type III

D. Type IV

**Ans. C**

**33. Most common site of infection with Cryptococcus neoformans is**

A. Lung

B. Meninges

**Ans. B**

**34. All are true about streptococcal infections except**

A. throat infection more common in age group of 5-15years

B. skin infection more common in age <3yrs

C. 15-20% colonization of mucosal surfaces

D. scarlet fever more common <3yrs

**Ans. D**

**PATHOLOGY**

**35.  Which of the following is not a feature of anemia of chronic disease**

A. increased  TIBC

B. increased serum iron

C. increased serum ferritin

D. increased bone marrow iron

**Ans. B**

**36. Which among the following does not secrete  Interleukin 1 alpha**

A. lymphocyte

B. fibroblast

C. macrophage

D. endothelium

**Ans. A**

**37. Histological scoring' of chronic hepatitis does not include**

A. periportal inflammation

B. portal fibrosis

C. bridging necrosis

D. cholestasis

**Ans. D**

**38.  Pulmonary surfactant is synthesized by**

A. Type I pneumocytes

B. Type II pneumocytes

**Ans. B**

**39. Regarding DIC all the following features are correct except**

A. Increased fibrin degradation products

B. Decreased platelets

C. Increased fibrinogen

**Ans. C**

**PHARMACOLOGY**

**40.  Which of the following is the most beta-1 selective antagonist**

A. Acebutolol

B. Atenolol

C.Metoprolol

D.Bisoprolol

**Ans. D**

**41.  ACE inhibitors are contraindicated in all the following except**

A. Bilateral renal artery stenosis

B. Elderly hypertensive

C. Diabetic microalbuminuria

D. Severe renal failure

**Ans. C**

**42.  Which of the following is a cardiotoxic anticancer drug**

A. bleomycin

B. doxorubicin

C. 5 FU

**Ans. B**

**43.  Opiod induced respiratory depression can be reversed with**

A. Naloxone

B. Theophylline

C. Artificial ventillation

**Ans. A**

**44.  Calcium channel blocker which is usually used in subarachnoid hemorrhage is**

A. Nimodipine

B. Diltiazem

C. Verapamil

**Ans. A**

**45.  Drug induced cirrhosis is not seen with**

A. alpha methyldopa

B. phenylbutazone

C. INH

**Ans. B**

**46.  Which of the following is not used in the prophylaxis of febrile seizures**

A. sodium valproate

B. carbamazepine

C. phenobarbitone

D. diazepam

**Ans. B**

**47.  Which of the following drugs is tuberculostatic**

A. Rifampicin

B. Ethambutol

C. Pyrazinamide

D. INH

**Ans. B**

**48.  Which of the following drugs will not cause hypothyroidism**

A. Ethambutol

B. Lithium

C. Amiodarone

D. Pyrazinamide

**Ans. D**

**49. Dopamine inhibits secretion of**

A. Growth hormone

B. Prolactin

**Ans. B**

**50.  Which of the following is not an analeptic agent**

A. Doxapram

B. Nikethamide

C. Doxacurium

D. Propylbutamide

**Ans. C**

**51. Which of the following drugs is not used for the treatment of anaerobic infections**

A. penicillin

B. clindamycin

C. chloramphenicol

D. gentamycin

**Ans. D**

**52.  Which of the following drugs is used to treat Chlamydia infection in pregnancy**

A. Doxycyclin

B. Erythromycin

C. Mirepenam

D. Tetracyclin

**Ans. B**

**53. Troglitazone is the drug used in the treatment of**

A. petit mal epilepsy

B. type 2 diabetes mellitus

C. hyperlipidaemia

**Ans. B**

**54. Which of the following is not an alpha-2 stimulant**

A. guanabenz

B. guanadrel

C. clonidine

D. alpha methyl dopa

**Ans. B**

**55. 99% of degradation of Iodine131 occurs in**

A. 26days

B. 36days

C. 46days

D. 56days

**Ans. D**

**56. Atropine is added with diphenoxylate to**

A. Increase effect

B. decrease side effects

C. decrease abuse

D. enhance absorption

**Ans. C**

**57. Monitoring of drug level is not needed with which of the following drugs**

A. Lithium

B. L-Dopa

C. Digoxin

D. Phenytoin

**Ans. B**

**58. Which among the following have greatest affinity for pseudocholine esterase**

A. Mivacurium

B. Atracurium

**Ans. A**

**59. Selective decrease in IgA is seen with  administration of**

A. Phenytoin

B. Diazepam

C. Clonazepam

D. Phenobarbitone

**Ans. A**

**60. Which of the following is prothrombotic**

A. Thrombomodulin

B. PGI2

C. Heparin

D. ADP

**Ans. D**

**61. Carbamazepine toxicity is precipitated by**

A. Erythromycin

B. vitaminK

C. Theophyllin

**Ans. A**

**FORENSIC MEDICINE**

**62.  Which of the following is most useful for sex determination**

A. Skull

B. femur

C. pelvis

D. tibia

**Ans. C**

**63.  Which of the following is diagnostic of drowning**

A. froth in the nostrils

B. cutis anserina

C. water in the stomach

D. mud in the respiratory passages

**Ans. A**

**64. Green colored urine is seen after ingestion  of**

A.copper sulphate

B.phenol

C.organophosphorus

D.cyanide

**Ans. B**

**65. Leading questions are not permitted  in**

A.cross examination

B.examination in chief

C.questions by the judge

**Ans. B**

**MEDICINE**

**66. Diagnosis of lung sequestration is by**

A.CT

B.Angiography

C.MRI

D.X-ray

**Ans. B**

**67.  Bleeding  in a case of obstructive jaundice is treated with**

A.Fresh Frozen Plasma

B.Cryo precipitate

C.Whole blood

D.Buffy coat extract

**Ans. A**

**68.  Dichrotic pulse is seen in**

A. Cardiac tamponade

B. Aortic regurgitation

C. dilated cardiomyopathy

D. restrictive cardiomyopathy

**Ans. C**

**69. Which of the following ECG finding is diagnostic of cardiac ischaemia in treadmill test**

A. flat ST depression

B. upsloping  ST depression

C. ventricular tachycardia

D. T wave inversion

**Ans. A**

**70.  A child presents with a history of scorpion sting. He is having increased sweating. What is the best next step**

A.lytic cocktail

B.atropine

C.antevenom

**Ans. C**

**71.  Transudative type of pleural effusion is a feature of**

A.variceal sclerotherapy

B.coronary artery bypass

C.peritoneal dialysis

D.radiation

**Ans.**

**72.  The drug of choice for type 2 lepra reaction is**

A.Clofazimine

B.Chloroquin

C.Thalidomide

D.Steroids

**Ans. C**

**73.  All are true about amyotropic lateral sclerosis except**

A.Bowel and bladder involvement is present

B.LMN in upper limb

C.UMN in lower limb

D.no sensory involvement

**Ans. A**

**74.  Senile plaques in brain is a feature of**

A.Multiple sclerosis

B.Parkinsonism

C.Alzheimer's disease

**Ans. C**

**75.  Primary unconjugated hyperbilirubinemia is a feature of**

A.Dubin Jhonson syndrome

B.Rotor syndrome

C.Gilbert's syndrome

D.primary biliary cirrhosis

**Ans. C**

**76.  Most common cause of ambiguous genitalia is**

A.Congenital adrenal hyperplasia

B.Klinefelter's syndrome

C.Testicular feminization

**Ans. A**

**77.  Which of the following is not an ECG sign of  hypokalemia**

A.tall T waves

B.U waves

C.flat ST segment

**Ans. A**

**78.  Most common cause of myelophthisic anemia is**

A.Multiple myeloma

B.NHL

C.Lukaemia

D.multiple secondaries

**Ans. D?**

**79.  Which of the following is most efficiently transmitted by needle stick injury**

A.HIV

B.Hepatitis B

C.Hepatitis C

D.CMV

**Ans. B**

**80. Benzene induced hemolytic anemia is seen with all except**

A.Non Hodgkin's lymphoma

B.AML

C.ALL

D.Aplastic anemia

**Ans. A?**

**81. Which of the following is best used in the diagnosis of congenital syphilis**

A.FTA-ABS

B.TPHA

C.IgM-FTA ABS

D.TPI

**Ans. C**

**82.Treatment with intravenous immunoglobulin is contraindicated in**

A.X-linked agammaglobulinemia

B.Kawasaki's disease

C.Guillen Barrie syndrome

D.Selective IgA deficiency

**Ans. D**

**83.Grade 1 lymphedema means**

A.pitting edema up to the ankle

B.pitting edema up to the knee

C.non-pitting edema

D.edema disappearing after overnight rest

**Ans. D**

**84. Cause of diarrhea in Diabetes mellitus is**

A.defective absorption

B.abnormality in gastrointestinal motility

C.primary mucosal disease.

**Ans. B**

**85. Parenteral nutrition is best given through**

A.femoral vein

B.saphenous vein

C.subclavian vein

**Ans. C**

**86. The precursor of amyloid Transthyretin is deposited in which of the following conditions**

A.Alzheimer's disease

B.senile cardiac amyloidosis

C.medullary carcinoma thyroid

D.multiple myeloma

**Ans. B**

**87. Egg shell calcification in hilar lymphnodes is a feature of**

A.sarcoidosis

B.silicosis

C.lymphoma

**Ans. B**

**88. Which of the following is not a tumor suppressor gene**

A.N myc

B.Rb

C.p53

D.Mad-max

**Ans. A**

**89. Which of the following is the best initial screening test for thrombocyto-penia**

A.bleeding time

B.clotting time

C.platelet count

**Ans. A**

**90. In Down's syndrome which of the following is true**

A.the language defect progresses with age

b seen when mothers are aged between 30-39yrs  in >50% of cases

C.the severity of facial changes denotes the severity of mental retardation

D.seizures are common

**Ans. B**

**91. Macula cerulea is seen in**

A.Pediculosis humanis corporis

B.Pediculosis capitis

C.Phthiris pubis

**Ans. C**

**92. Lyonization occurs usually at**

A.9th day

B.16th day

C.28th day

D.36th day

**Ans. B**

**93. Localized tetanus is due to**

A.large gaping wound

B.atypical strains of bacteria

C.abnormally long incubation period

D.partial immunity

**Ans. A?**

**94.  Sphenoid wing dysplasia is seen in**

A.Von Hippel Lindau's disease

B.Neurofibromatosis

C.Sturge Weber syndrome

D.Bournville's disease

**Ans. B**

**95. CMV does not cause**

A.intracranial calcification

B.congenital heart disease

C.mental retardation

D.seizures

**Ans. B**

**96. In cow's milk allergy all are seen except**

A.Irondeficiency anemia

B.bloody diarrhea

C.pulmonary hemosiderosis

D.intestinal colic

**Ans. A**

**97. Foster's test is used in the diagnosis of**

A.spastic type of  Cerbral Palsy

B.hypotonic CP

C.choreo  athetotic CP

D.Myasthenia gravis

**Ans.**

**98. Features of hypothyroidism due to TRH/TSH deficiency include all the following except**

A.mental retardation

B.hypoglycemia

C.low hairline

D.micropenis

**Ans.**

**99. Renal papillary necrosis is seen in all the following except**

A.analgesic nephropathy

B.hydronephrosis

C.acute pyelonephritis

D.sickle cell disease

**Ans. B**

**100.  Rhinopharyngitis mutilans is not seen in**

A.Yaws

B.Pinta

C.Leprosy

D.Kala azar

**Ans. B**

**101. In acute myocardial infarction the best drug to cause thrombolysis and to start reperfusion is**

A.streptokinase

B.urokinase

C.tissue plasminogen activator

D.anisoylated plasminogen streptokinase activator complex

**Ans. C**

**102.  Iliac horns are seen in**

A.Nail patella syndrome

B.ankylossing spondylitis

**Ans. A**

**103. Regarding lacunar infarcts a feature not seen is**

A.multiple

B.pontine

C.severe symptoms

**Ans. C**

**104. Diet therapy in a MI patient should start at what LDL cholesterol level**

A.100mg/dl

B.130mg/dl

C.160mg/dl

D.190mg/dl

**Ans. A**

**SURGERY**

**105.  'Flower vase' appearance in IVP is seen in**

A.Poly cystic kidney disease

B.Horse Shoe Kidney

C.Hydronephrosis

D.Ectopic kidney

**Ans. B**

**106.  Comma shaped calcification in soft tissues is seen with**

A.Armillifer

B.Loa Loa

C.Cysticercus cellulosae

D.Guinea worm

**Ans. A**

**107.  A T2 tumor of the oral cavity near the mandible is best treated with**

A.Radiotherapy

B.Chemotherapy

C.Surgery

D.Laser ablation

**Ans. C**?

**108.  Commonest type of hypospadias is**

A.glandular

B.penile

C.coronal

D.scrotal

**Ans. A**

**109.  Which of the following is not a feature of Thrombo Angitis Obliterans**

A.it usually occurs before the age of 50 years

B.lower limbs are affected before upper limbs

C.there is associated phlebitis

D.femoral artery is involved

**Ans. D**

**110.  A 30 year old women is accidently found to have a wide mouthed Meckel's-diverticulum during laprotomy.What is the best method of treatment**

A.Diverticulectomy

B.leave it alone

C.resection of diverticulum and invagination of stump

D.resection of diverticulum with a short segment of ileum and anastomosis

**Ans. B**

**111.  Radioopaque shadow seen immediately after trauma to the chest could be due to**

A.pulmonary embolism

B.pulmonary contusion

C.hemothorax

D.pneumonia

**Ans. C**

**112.  Most common cause of bloody discharge from nipple is**

A.Duct ectasia

B.Duct carcinoma

C.Duct papilloma

**Ans. C**

**113.  Compared with Crohn's disease Ulcerative colitis does not have  more**

A.malignant change

B.fistula formation

C.bleeding per rectum

D.cholangio carcinoma

**Ans. B**

**114.  All are true about deQuervain's thyroiditis except**

A.Usually follows a viral infection

B.There is increased radio iodine uptake

C.Initial hyperthyroid state

D.Anti thyroids are of no use

**Ans. B**

**115. Which of the following test is used to detect perforator incompetence in varicose veins**

A. Trendelenberg test

B. Fegan's test

C. Morissey's test

D. Homan's test

**Ans. B**

**116. Interruption of Inferior venacava is not indicated in**

A.multiple septic emboli

B.multiple small  peripheral emboli

C.when anticoagulation is contraindicated

D.Ileo femoral thrombosis

**Ans. C**

**117. Which of the following salivary gland tumors shows perineural spread**

A.Warthin's tumor

B.adenoid cystic carcinoma

C.carcinoma in pleomorphic adenoma

D.mucoepidermoid carcinoma

**Ans. B**

**118.  Prolonged intake of refined foods leads to which of the following carcinoma**

A.stomach

B.gall bladder

C.colon

D.pancreas

**Ans. C**

**119. The X-ray finding which helps to distinguish Hirschsprung's disease from congenital mega colon is**

A.Delayed evacuation of barium

B.Air fluid levels

C.Presence of a transition zone

D.Dilated bowel loops

**Ans. C**

**120.  Which of the following is not a feature of a healthy healing ulcer**

A.Sloping edge

B. Undermined edge

C. Serous discharge

D. Reddish base

**Ans. B**

**121  What is the management of a low, straight, 2cm long peri anal fistula**

A. fistulectomy

B. seton repair

C. proximal colostomy

D. anal dilatation

**Ans. A**

**122. Graft used in infra inguinal bypass is**

A. PTFE

B. Dacron

C. Autologous vein

**Ans. C**

**123. Best  treatment  for external  hemorrhage from an extremity   is**

A. elevation of the limb

B. proximal tourniquet

C. direct pressure

D. ligation of the bleeding vessel

**Ans. C**

**124. Investigation of choice for Posterior urethral valve is**

A. Retrograde cystourethrogram

B. MCU

C. IVP

D. USG

**Ans. B**

**125. Most virus associated malignancy is**

A. Carcinoma cervix

B. Burkitt's lymphoma

C. Carcinoma Breast

**Ans. C**

**126. Most common age group of benign cystic teratoma is**

A. <10yrs

B. 20-40yrs

C. 40-60yrs

D. >60yrs

**Ans.**

**127. Burns involving head face and trunk  constitutes how much percentage**

A. 45%

B. 55%

C. 60%

D. 65%

**Ans. A**

**PSM**

**128.  Net Reproductive Rate of 1 implies a Couple Protection Rate of**

A. 50

B. 60

C. 70

D. 80

**Ans. B**

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**129.  Vector of Japanese Encephalitis in South India  is**

A.Culex tritaneorhyncus

B.Anopheles

**Ans. A**

**130.  Minimum level of free chlorine in potable water is**

A. 1mg

B. 0.5mg

C. 0.2 mg

D. 0.7mg

**Ans. B**

**131.  Which of the following is true about Cohort study**

A.incidence can be calculated

B.it is from effect to cause

C.it is inexpensive

D.shorter time than case control

**Ans. A**

**132.  Which of the following diseases is not included in international health regulations**

A. plague

B. yellow fever

C. cholera

D. polio

**Ans. D**

**133.  The size of sand particle in slow sand filter  is**

A. 0.1 -0.2 mm

B. 0.2-0.3 mm

C. 0.3-0.4 mm

D. 0.4-0.5 mm

**Ans. B**

**134. What is the potassium concentration in WHO  ORS solution**

A. 10meq

B. 20meq

C. 30meq

D. 40meq

**Ans. B**

**135.  In the surveillance for Acute Flaccid Paralysis, the age group that is included is below**

A. 5yrs

B. 12yrs

C. 8yrs

D. 16yrs

**Ans. B?**

**136.  Which of the following is not monitored in malaria surveillance now**

A. ABER

B. Infant parasite rate

C. Annual parasite incidence

D. Slide positivity rate

**Ans. B**

**137. Which of the following is true about Botulism**

A.high fever

B.brisk reflexes

C.salivation

D.sore throat

**Ans. D**

**138. What is the BMI(body mass index) of a male with weight 45kg and height 1.5m**

A.19

B.20

C.21

D.18

**Ans.B**

**139. Which of the following is used to destroy algae in water**

A. Copper sulphate

B. Pottassium permanganate

C. Hypochlorite

D. Bleaching powder

**Ans. A**

**140. Chikungunya virus is transmitted by all the following mosquitoes except**

A. Culex

B. Anopheles

C. Aedes

D. Mansonoides

**Ans. B**

**141. The WHO criteria for TB control means**

A.Incidence of infection in cheldren less than 5yrs is <1%

**Ans. A**

**142.   Validity of a screening test includes all except**

A.sensitivity

B.specificity

C.repeatability

D.accuracy

**Ans. C**

**143.Which of the following is not sexually transmitted**

A. Entameba histolytica

B. Giardia lamblia

C. Trichomonas vaginalis

D. Leishmania brasiliensis

**Ans. D**

**144. According to WHO the minimum number of antenatal visits to prevent maternal mortality is**

A.3

B.6

C.9

D.12

**Ans. A**

**145. What is the definition of blindness according to WHO**

A.vision less than 3/60

**Ans. A**

**146. Which of the following is not a priority vaccine for the first year of life**

A.Hib

B.Hepatitis B

C.DPT

**Ans. B**

**147. What is the incubation period of vaccine strain of measles virus**

A. 7days

B. 10days

C. 14days

D. 18days

**Ans. A**

**148. PQLI does not include**

A.Infant Mortality rate

B.Gross national Product

C.Litreacy rate

D.Life expectancy at 1 year of age.

**Ans. B**

**149. Which of the following rates is not only an indicator of mortality but also of the living standard of a community**

A.IMR

B.PNMR

C.MMR

**Ans. A**

**150. Which of the following is a parametric test of significance**

A. U test

B.  t-test

**Ans. B**

**151.All are components of  Primary Health Care except**

A.providing essential drugs

B.supplementary nutrition

C.treatment of locally endemic diseases and minor ailments

D.prevention of locally endemic diseases

**Ans. B**

**152.  Standard Normal deviate is given by the formula**

A.x-`x/s

B.(x-`x)2/s

**Ans. A**

**153. The minimum period of treatment for multibacillary leprosy is**

A. 1yr

B. 2yrs

C. 6months

D. 9months

**Ans. B**

**154. Relative risk is assessed on the basis of**

A. Strength of association

B. Possibility

C. Dose response

**Ans. A**

**155. Median incubation period means**

A. Time for 50% cases to occur

B. Time between primary case and secondary case

C. Time between onset of infection and period of maximum infectivity

**Ans. A**

**156. In census literacy rate is assessed by**

A.attended literacy classes for one year

B.ability to write signature

C.ability to read and write

**Ans. C**

**157.  Ringer lactate does not contain**

A. Sodium

B. Potassium

C. Chloride

D. Bicarbonate

**Ans. D**

**158. Sickness benefit in ESI is for how many days**

A. 51

B. 61

C. 91

D. 71

**Ans. C**

**ORTHOPEDICS**

**159. Rigid flat foot is not seen in**

A. Osteo arthritis

B. rheumatoid arthritis

C. peroneal spasm

D. congenital tarsal fusion

**Ans. A**

**160.  What is the diagnostic radiological finding in skeletal flurosis**

A. sclerosis of sacroiliac joint

B. interroseous membrane ossification

C. osteosclerosis of vertebral body

D. osssification of ligaments of knee joint

**Ans. D?**

**161.Which of the following childhood disorders is a common differential diagnosis of osteomyelitis**

A.chondrosarcoma

B.Ewing's sarcoma

C.osteosarcoma

**Ans. B**

**162. A segmental compound fracture of tibia with 1 cm skin wound is classified as**

A.Type I

B.Type II

C.Type IIIA

D.Type IIIB

**Ans. A?**

**163. Minimum intradiscal pressure in vertebral column is seen when a person is**

A. standing

B. sitting

C. lying flat

D. lying on one side

**Ans.**

**164. What is the position of lower limb in anterior dislocation of hip**

A.flexion adduction and internal rotation

B.flexion adduction and external rotation

C.flexion abduction and internal rotation

D.flexion abduction and external rotation

**Ans. D**

**165.Which of the following is not a complication of Colle's fracture**

A.Sudek's osteodystrophy

B.Non Union

C.Shoulder stiffness

D.Malunion

**Ans. B**

**166. Median nerve involvement is most common with**

A. elbow dislocation

B. supracondylar fracture

C. lateral condyle fractrue

D. olecranon fracture

**Ans. B**

**167. Earliest bone to ossify is**

A. Clavicle

B. Tibia

C. Sternum

D. Ribs

**Ans. A**

**ENT**

**168.Bezold's abscess is seen at**

A.petrous tip

B.Mastoid tip

C.digastric triangle

D.subdurally

**Ans. B**

**169.  Which of the following is not a feature of Rhinosporidiosis**

A.Bleeding polyp

B.Russel bodies are seen

C.Oral Dapsone is useful in treatment

D.bleeding is present

**Ans. B**

**170.  In a patient with hypertrophied adenoids  the voice abnormality that is seen is**

A.rhinolalia clausa

B.rhinolalia aperta

C.hotpotato voice

**Ans. A**

**171.  Abductor of  the vocal cord is**

A.lateral cricoarytenoid

B.cricothyroid

C.posterior cricoarytenoid

**Ans. C**

**172.  Cottel's test is used to test the patency of the nares in**

A.Atrophic rhinitis

B.Rhinosporidiosis

C.Deviated nasal septum

D.Hypertrophied inferior turbinate

**Ans. C**

**173.  Which of the following is not seen in Menier's disease**

A.vertigo

B.tinnitus

C.conductive deafness

**Ans. C**

**174.  Which of the following ECG finding is associated with congenital deafness**

A.delta wave

B.long QT

C.short PR interval

**Ans. B**

**175.  Which among the following is not true about otosclerosis**

A.hearing better in louder conditions

B.Eustachian tube is always abnormal

C.tympanic membrane is normal

D.bilateral progressive conductive deafness

**Ans. B**

**176. For Grommet tube insertion in serous otitis media, the incision on tympanic membrane is made on**

A.anteroinferior quadrant

B.anterosuperior quadrant

C.posterosuperior quadrant

D.posteroinferior quadrant

**Ans. A**

**177. What is the symptom of a person with unilateral abductor paralysis**

A.dyspnea on exertion

B.transient hoarseness

C.husky voice

D.inspiratory stridor

**Ans. B**

**178. Regarding acute vestibular neuronitis all are true except**

A.tinnitus and vertigo developing over 1-2 weeks

B.high frequency sensory hearing loss

C.spontaneous nystagmus is present

D.usually follows an upper respiratory tract infection

**Ans. B**

**179. Most common complication of tracheostomy is**

A.pneumothorax

B.surgical emphysema

C.injury to the large vessels

D.injury to esophagus

**Ans. B**

**EYE**

**180.  Cherry red spot in retina is a feature of**

A.Infantile Gaucher's disease

B.Niemann Pick disease

C.Fabry's disease

**Ans. B**

**181.  Preganglionic and post ganglionic Horner's syndrome are differentiated by application  of**

A.Atropine

B.Pilocarpine

C.Timolol

D.Hydroxy amphetamine

**Ans. D**

**182.  Axial proptosis is caused by**

A. blow out fracture of the orbit

B. maxillary tumor invading the orbit

C. frontal mucocele

D. optic glioma

**Ans. D**

**183.  Which of the following is used for treatment of  myopia**

A. Nd YAG laser

B. Excimer laser

C. Argon laser

D. Hormium laser

**Ans. B**

**184.  Sun flower cataract is seen in**

A.Blunt trauma

B.Diabetes

C.Chalcosis

D.Argyriosis

**Ans. C**

**185.  Steroid may be used in the treatment of which of the following type of herpes keratitis**

A. Superficial punctate keratitis

B. Dendritic ulcer

C. Geographic ulcer

D. Disciform keratitis

**Ans. D**

**186. Which of the following is the cause of blindness in partial retinal branch vein occlusion**

A. Cystoid macular edema

B. Macular hemorrhage

C. Vitreous hemorrhage

**Ans. A**

**187. Miotics are useful in which type of squint**

A. Accomodative squint

B. Paralytic squint

C. Divergant squint

D. Congenital squint

**Ans. A**

**188. Extra capsular extraction of lens is not  possible in**

A. hypermature cataract

B. immature cataract

C. lens subluxation

D. developmental cataract

**Ans. C**

**189.  KF ring in Wilson's disease is seen at the level of**

A. Deschmet's membrane

B. epithelium

C. endothelium

D. stroma

**Ans. A**

**190. Treatment of congenital dacryocystitis is**

A.dacryocystectomy

B.hydrostaticmassage

C.probing and syringing with antibiotics

D.dacryocystorhinostomy

**Ans. B**

**191.Cattle truck appearance on fundus examination is a feature of**

A.CRVO

B.Incomplete CRAO

C.Incomplete CRVO

D.Hypertensive retinopathy

**Ans. B**

**192.Whorled keratopathy is seen with the use of**

A. Digoxin

B. Amiodarone

C. Ethambutol

**Ans. B?**

**PSYCHIATRY**

**193.  Reversible dementia is a feature of**

A.Alzheimer's disease

B.Pick's disease

C.Multiinfarct dementia

D.Hypothyroidism

**Ans. D**

**194. Which of the following is not a classical symptom of depression**

A.altered sleep pattern

B.weight loss

C.guilt

D.decreased apettite

**Ans. C?**

**195.  Psychomotor symptoms are associated with which type of schizophrenia**

A.hebephrenic

B.catatonic

C.paranoid

D.simple

**Ans. B**

**196. Which of the following is a first rank symptom in Schizophrenia**

A.perceptional delusions

B.thought insertion

C.perceptional hallucinations

**Ans. B**

**A I P P G**

**197. Which of the following is not seen in Korsakoff's syndrome**

A.clear consciousness

B.inabiliity to learn new things

C.hallucinations

D.confabulation

**Ans. C**

**198. Wernicke Korsakoff's syndrome is due to the deficiency of which of the following**

A.Pyridoxine

B.Thiamine

C.Vitamin B12

D.Riboflavin

**Ans. B**

**199. The type of treatment which can be used for mental retardation is**

A.Psychoanalysis

B.Family therapy

C.Transaction analysis

D.Rapid emotive treatment and response

**Ans.**

**200. deJavu phenomenon means**

A.feeling that familiar things look unfamiliar

B.individual feels that he knows the surroundings even though he is new to it

**Ans. B**

**SKIN**

**201.  Condyloma accuminatum is produced by which type of papilloma virus**

A.HPV 6-16

B.HPV  6-11

C.HPV 16-18

D.HPV 11-18

**Ans. B**

**202.  Herald patch is seen in**

A.pityriasis rosea

B.lichen planus

C.DLE

**Ans. A**

**203. Which of the following is not a pyoderma**

A.Furuncle

B.Ecthyma

C.Pyoderma gangrenosum

D.Carbuncle

**Ans. C**

**204.Treatment of choice for disseminated gonococcal infection is**

A.penicillin

B.ceftriaxone

**Ans. B**

**205. Epidemic tenia capitis is caused by**

A.Trichopyton mentagrophytes

B.Trichophyton rubrum

C.Microsporum audoni

**Ans. C**

**206.  Scabies in children differs from that in adults in that it affects**

A.webspace

B.face

C.genitalia

D.axilla

**Ans. B**

**207. A smear from a genital lesion shows Donovan bodies. The diagnosis is**

A.Lymphogranuloma venerium

B.Chancroid

C.Granuloma inguanale

**Ans. C**

**208.  Photosensitivity is seen in all except**

A. SLE

B. Xeroderma pigmentosa

C. Poephyria cutanea tarda

D. Pseudoxanthoma elasticum

**Ans. D**

**ANAESTHESIA**

**209. Which of the following induction agent is used to produce a 'street-fit' person following surgery**

A.midazolam

B.propofol

C.alfentanyl

D.thiopentone

**Ans. B**

**210. Which of the following reacts with Soda lime in anaesthetic circuits**

A.trichloroethylene

B.isoflurane

C.halothane

D.methoxyflurane

**Ans. A**

**211. Which of the following anesthetics sensitizes the heart to catecholamines**

A.Halothane

B.Isoflurane

C.Enflurane

**Ans. A**

**212. Thiopentone sodium has a short duration of action because**

A.it is rapidly metabolized

B.it is rapidly redistributed

**Ans. B**

**213. In emergency caesarian section rapid induction of anesthesia is done to**

A.prevent gastric aspiration

B.prevent fetal depression

C.to decrease awareness

**Ans. A**

**PEDIATRICS**

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**214.  In meconium aspiration syndrome all of the following are true except**

A.there is always respiratory distress

B.steroids are not useful

C.ECMO may be useful

**Ans. A**

**215.  What is the percentage of steroid responders in a case of Minimal Change disease**

A.65%

B.75%

C.85%

D.95%

**Ans. D**

**216. At what age a child is able to state correctly his name and sex**

A.24months

B.36months

C.30months

D.42months

**Ans. A?**

**217. Which of the following reflexes is present at birth**

A.knee jerk

B.ankle jerk

C.biceps jerk

D.triceps jerk

**Ans.**

**218. Swollen  cherry  red  lip with strawberry   tongue is a  feature of**

A.Kawasaki disease

B.Scarlet fever

**Ans. A**

**219. Which of the following will not lead to decrease in cell mediated immunity**

A.protein energy malnutrition

B.zinc deficiency

C.selenium deficiency

D.iron deficiency

**Ans. C**

**220. In Phenylketonuria all are true except**

A.EEG abnormality in 50% of cases

B.convulsion in 25% of cases

C.Blood is drawn for testing  immediately after birth

D.profuse vomiting

**Ans. C**

**221. A 15 month old child is able to do all the following except**

A.crawl upstairs

B.make a tower of 5 cubes

C.name familiar objects

D.point to familiar things

**Ans. B**

**GYNAE & OBST.**

**222.  Which of the following is the commonest cause of urethritis with leucorrhea**

A.Chlamydia trachomatis

B.H.vaginalis

C.Trichomonas

D.Candida

**Ans. A**

**223.  A pregnant women presents with a placenta praevia of a major degree. The fetus is malformeD. Which of the following will be the best line on management**

A.cesarian section

B.oxytocin drip

C.rupture of membranes

D.instillation of PG E2

**Ans. A**

**224.  Transverse lie is most likely to occur in**

A.subseptate uterus

B.uterus didelphys

C.hypoplastic uterus

D.unicornuate uterus

**Ans. A**

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**225. Osiander's sign means**

A. Pulsation in the lateral vaginal fornix

B. Bluish colour change in the vagina

C.Softening of the cervix

D.On bimanual palpation the fingers  can be approximated as if nothing is  in between

**Ans. A**

**226.  Which of the following does not cross placenta**

A.heparin

B.propranolol

C.warfarin

**Ans. A**

**227.  Magnesium sulfate as an uterine relaxant is contraindicated in following except**

A.premature rupture of membrane

B.intrauterine infection

C.myasthenia gravis

D.renal failure

**Ans. B**

**228.  Anti epileptic agent given  in pregnancy is**

A.phenytoin

B.sodium valproate

C.carbamazepine

D.lamotrigene

**Ans. D**

**229.  A pregnant woman with Mitral stenosis  is most likely to undergo failure in which period**

A.16wks

B.24wks

C.20wks

D.28wks

**Ans. D**

**230.  CA-125 is the tumor marker for**

A.colon

B.ovary

**Ans. B**

**231. Incidence of scar rupture in a pregnant lady with previous LSCS is**

A. 0.2

B. 0.5

C. 0.7

D. 0.9

**Ans.**

**232. Karyotype of Turner's syndrome is**

A. XO

B. XX

C. XXY

D. XY

**Ans. A**

**233. What is true about shoulder presentation**

A. Ccord prolapse is common

B. 3rd degree perineal tear is common

C. Deep transverse arrest can occur

D. More common in primi

**Ans.**

**234. Variable deceleration indicates**

A.head compression

B.cord compression

C.fetal hypoxaemia

D.maternal sedation

**Ans. B**

**235. Regarding monozygotic twins which of the following is not true**

A. USG is more useful in the first half of pregnancy

B. sex discordance can occur rarely

C. always monochorionic

D. more common following ovulation induction

**Ans. C**

**236.  The placenta is formed from**

A.decidua basalis

B.decidua vera

C.chorion levae

D.decidua capsularis

**Ans. A**

**237. The level of hCG is maximum during which day of pregnancy**

A.50-60

B.60-70

C.70-80

D.80-90

**Ans. B**

**238.  Failure rate of tubal sterilization is one in**

A. 100

B. 200

C. 500

D. 1000

**Ans. B**

**239. Which cervical fibroid is most likely to cause urinary retention**

A.Anterior

B.Posterior

C.Submucous

D.Subserous

**Ans. A**

**240. Fetal lung maturity is assessed by all the following except**

A. Lecithin sphingomyelin ratio

B. Nile blue sulfate test

C. Nitrazine paper test

D. Creatinine estimation of amniotic fluid

**Ans. C**

**241.  If a patient comes with complaints of post dated pregnancy what is the first thing that you will do**

A. USG

B. NST

C. Review the menstrual history once more

D. X-ray abdomen

**Ans. C**

**242. First trimester USG is not indicated in**

A.Hydramnios

B.Hyper emesis gravidarum

**Ans. A**

**243. Parkland formula for burns is for**

A.Ringer lactate

B.glucose saline

C.Normal saline

**Ans. A**

**244. Paracusis willisi is seen in**

A.stapedial fixation

B.ASOM

**Ans. A**

**245. Mesonephric duct remnant seen in anterolateral vaginal wall is**

A.Gartner's cyst

B.endometriotic cyst

C.Inclusion cyst

**Ans. A**

**RADIOLOGY**

**246. Which among the following is least likely to be affected by radiation**

A.skin

B.muscle

C.bone marrow

D.intestine

**Ans. B**

**247. Bull's eye lesion in ultrasonography is seen in**

A. Candidiasis

B. Aspergillosis

C. Sporotrichosis

D. Cryptococcosis

**Ans. A**

**248. Unit of absorbed dose of radiation is**

A.Becqueral

B.Gray

C.Stewart

D.Roentgen

**Ans. B**

**249. Which of the following is a characteristic radiological finding in neonatal necrotizing enterocolitis**

A. Gas in the portal system

B. Gas in the intestinal wall

C. Pneumoperitoneum

D. Air fluid levels

**Ans. B**

**250. Sign of contour is seen in**

A. Ulcerative colitis

B. duedonal atrisia

C. Chron's disease