

Dear Dr.,

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Hope this presentation will be useful for the pg aspirants preparing for AIPGE 2009.

We would appreciate your feedback/suggestions. Kindly send it to admin @pgmed.com. Thanks.

ALL THE BEST.

-pgmed team.

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ANATOMY

1. **Fascia around the nerve bundle of Brachial plexus is derived from**
 - a. Clavipectoral fascia
 - b. Pectoral fascia
 - c. Deep cervical fascia
 - d. Prevertebral fascia
2. **Terminal group of lymph nodes along the Coeliac axis are**
 - a. Para aortic
 - b. Intermediate
 - c. Paracolic
 - d. Pre aortic
3. **Brain stem nuclei not derived from Alar Plate are**
 - a. Hypoglossal nucleus
 - b. Substantia nigra
 - c. Dentate nucleus
 - d. Inferior olivary nucleus
4. **Boundaries of 'Triangle of DOOM' are all except**
 - a. Testicular vessels
 - b. Ductus deferens
 - c. Reflected fold of peritoneum
 - d. Cooper's ligament
5. **Spleen encroaches into following space of peritoneal cavity.**
 - a. Infra colic gutter
 - b. Left paracolic gutter
 - c. Left subhepatic space
 - d. Greater sac
6. **In a case of thrombosis of Subclavian artery at the outer border of first rib, blood flow in Axillary artery is maintained by all except**
 - a. Suprascapular artery
 - b. Superior thoracic artery
 - c. Subscapular artery
 - d. Transverse cervical artery
7. **Buccinator muscle is pierced by all except**
 - a. Buccal branch of mandibular nerve
 - b. Buccal branch of facial nerve
 - c. Parotid duct
 - d. Mucosal glands of Bucco-pharyngeal fascia
8. **Blood supply of Sternocleidomastoid muscle are all except**
 - a. Thyrocervical trunk
 - b. Superior thyroid artery
 - c. Posterior auricular artery
 - d. Occipital artery

9. **Renal medulla contains all except**
 a. Collecting duct b. Loop of henle
 c. Vasa recta d. JG apparatus

10. **All of the following are Permanent mucosal folds except**
 a. Spiral valve
 b. Gastric rugae
 c. Plica circularis
 d. Transverse rectal fold

11. **Boundaries of Triangle of Auscultation are all except**
 a. Lattissimus dorsi b. Scapula
 c. Serratus anterior d. Trapezius

PHYSIOLOGY

12. **Not present in Cerebellar cortex**
 a. Golgi cells b. Purkinje cells
 c. Bipolar cells d. Granular cells

13. **Circadian rhythm is maintained by**
 a. Median eminence
 b. Supra optic nuclei
 c. Paraventricular nuclei
 d. Supra-chiasmatic nuclei

14. **Mineralo-corticoid receptors are present in all except**
 a. Hippocampus b. Colon
 c. Liver d. DCT of kidney.

15. **Vagal stimulation causes increased**
 a. heart rate b. cardiac contractility
 c. cardiac output d. RR interval

16. **Second messengers are all except**
 a. IP3 b. cAMP
 c. DAG d. Guanylyl cyclase

17. **Maximum Post prandial contractility is on**
 a. Ascending colon b. Transverse colon
 c. Descending colon d. Sigmoid colon

18. **CSF pressure is maintained by**
 a. Cerebral blood flow
 b. Absorption
 c. Formation
 d. Choroidal blood pressure

19. **Weber Fechner law states that:**
 a. Stimulation is equal to the magnitude
 b.
 c. Intensity of stimulus is proportional to the magnitude of sensation.
 d

20. **In kidney regarding GFR which of the following is true**
 a. Clearance of drug is more than GFR when the drug is also secreted
 b. If a substance is secreted into the tubules then the clearance must be more than the Glomerular Filtration Rate
 c. Urine is hypotonic in descending limb of Henle's loop.
 d. Loop of Henle is freely permeable to solutes.

21. **Mean circulatory filling pressure**
 a. Pressure at which atrial filling occurs
 b. Mean of venous and arterial pressure
 c. Mean of pulmonary and systemic pressure
 d. Pressure measured in right atrium when the heart is stopped suddenly

22. **Regarding, Pre-Synaptic inhibition which is true**
 a. Affects First order afferent neuron
 b. Hyperpolarization of presynaptic membrane
 c. Causes block of action potential in presynaptic neurons
 d. Decreases neurotransmitter release from presynaptic terminal.

23. **Regarding G proteins which is true**
 a. Has intrinsic GTPase activity
 b. Tyrosine kinase activity
 c. Converts GDP to GTP
 d. GTP donates gamma phosphate to serine residues of intracellular protein

BIOCHEMISTRY

24. **Cofactor for Carboxylation reaction**
 a. Biotin b. Thiamine
 c. Niacin d. Coenzyme A

25. **TPP deficiency cause energy production defect through**
 a. Cofactor of transketolase
 b. Transaminase
 c. Cofactor for PDH Enzymes
 d. .

26. **Vitamin K causes Carboxylation of**
 a. Glutamic acid
 b. Aspartic acid
 c. Histidine
 d. Histamine

27. **Introns are absent in**
 a. Mitochondrial DNA b. Z DNA
 c. B DNA d. Nuclear DNA

28. In skeletal muscle, Phosphorylase b is kept in inactivated state by
 a. AMP b. ATP
 c. Calcium d. Glucose
29. Ribosomes has enzymatic action of
 a. Peptidase
 b. Amino -acyl tRNA synthetase
 c. Peptidyl transferase
 d. GTPase
30. In Firefly, radiant energy source is
 a. ATP b. GTP
 c. Phosphocreatine d. CTP
31. Non functional plasma enzymes are all except
 a. Alkaline Phosphatase
 b. Prostatic acid phosphatase
 c. Lipoprotein lipase
 d. Hormone sensitive lipase
32. Regarding Glutathione all are true except
 a. Haemoglobin to meth haemoglobin
 b. Scavenging free radicals
 c. Acts as a co factor for some enzyme
 d. Sulfur content helps in detoxification
33. For absorption at 280nm , Alanine is replaced by
 a. Tryptophan b. Histidine
 c. Lysine d. Proline
34. Refsum disease cause by defect in
 a. Thiophorase
 b. Phytanic acid oxidase
 c. .
 d. .
35. Regarding CARBOHYDRATE Antigen - all true EXCEPT
 a. Less immunogenic
 b. Memory function
 c. T Cell independent
 d. Polyclonal B cell activation
36. Biomolecules are measured by all except
 a. Xray crystallography
 b. NMR Spectrometry
 c. HPLC
 d. Mass spectrometry
- PATHOLOGY**
37. MHC Locus is present in
 a. Chrososome 11
 b. Chrososome 6
 c. Chrososome 1
 d. Chrososome 10
38. Regarding Wiskot - Aldrich syndrome all are true except
 a. Autosomal recessive
 b. Thrombocytopenia
 c. Skin rashes
 d.
39. Folate transporter gene is present in
 a. Chrososome 5 b. Chrososome X
 c. Chrososome 22 d. Chrososome 21
40. Tumor Metastasis is due to
 a. Angiogenesis
 b. Down regulation of tyrosine kinase
 c. Tumerogenesis
 d. .apoptosis
41. BRCA 1 gene is located in
 a. Chrososome 22 b. Chrososome 13
 c. Chrososome 17 d.
42. Virchow's triad includes all except
 a. Hypercoagulable state
 b. Thrombosis
 c. Vein injury
 d. Stasis in veins
43. All are causes of Micro-angiopathic haemolytic anemia except
 a. TTP b. APAS
 c. Metallic valves d. Microscopic PAN
44. Hypersensitive vasculitis involves
 a. Arterioles
 b. Post capillary venules
 c. Capillaries
 d. Medium sized arteries
45. Oxidative respiratory burst is caused by
 a. Catalase b. Oxidase
 c. Super Oxide dismutase d. Peroxidise
46. Most potent stimulus for Naive T cells
 a. Macrophages
 b. B cells
 c. Follicular dendritic cells
 d. Mature dendritic cells
47. Interlinking of antibody dependent and antibody independent complement pathway is by
 a. C8 b. C3 c. C5 d. C1q
48. NBT test is done for
 a. B cell b. T cell
 c. Phagocytosis d. Complements

MICROBIOLOGY

- 49. Mechanism of production of Secretory and Membrane bound Immunoglobulin**
- RNA editing
 - Allelic exclusion
 - Class switching
 - Differential RNA processing
- 50. Bacteriophages - which of the following is true**
- Toxicity transfer
 - acts by transduction.
 - Only transfers Chromosomal DNA
 - It is a bacteria infects virus
- 51. Isotype variation in Immunoglobulin is seen in**
- The changes in the hyper-variable domain of both light & heavy chain.
 - The changes in the constant domain of both heavy chain.
 - To differentiate the subclass Ig
 - changes in antigen binding sites of the variable region
- 52. A 30 years old female from Himachal Pradesh presented with fever, malaise, hypotension, axillary and inguinal lymphadenopathy. Glucose broth shows Stalactite growth. What is the causative organism?**
- Yersinia pestis*
 - Francisella tularensis*
 - Brucella abortus*
 - Coxiella burnetti*
- 53. Plasmodium falciparum is diagnosed by**
- HRP 1
 - LDH
 - Immuno chromatography
 - Aldolase
- 54. Regarding Hybridoma technique – which of the following is true**
- Fusion of a single activated B cell and a myeloma cell will create a hybridoma that can grow indefinitely in culture
 - Aminopterin is a Competitive inhibitor of tetrahydro folate
 - Because of preselective mutation, hybridoma cells grow in HAT rich medium
 - HGPRT negative cells grow well in culture.
- 55. Pseudomonas organism caused infection in intravascular devices**
- Ps.aeruginosa*
 - Ps.cepasia*
 - Ps.mallei*
 - Ps.multocida*

- 56. Diagnostic test for Dengue with best sensitivity is**
- IgM ELISA
 - CFT
 - Tissue culture.
 - Electron microscopy
- 57. All are RNA viruses except**
- Ebola
 - Rabies
 - Simian virus 40
 - Vesicular stomatitis virus
- 58. A Farmer presenting with lymphocutaneous swelling along his forearm. Diagnosis is**
- Trichophyton*
 - Sporothrix schenckii*
 - Cladosporium*.
 - Philaophora*

PHARMACOLOGY

- 59. 10 years old female treated for upper respiratory tract infection with Cefaclor for 10 days following with she developed fever, lymphadenopathy and rashes. What is the probable cause ?**
- Type iii hypersensitivity reaction
 - Infectious mononucleosis
 -
 -
- 60. Which of the following is an alkylating agent**
- Methotrexate
 - Ifosfamide
 -
 -
- 61. Which of the following not an immunosuppressant**
- Cyclosporine
 - Azathioprine
 - Steroids
 - Cephalosporins
- 62. Digoxin toxicity increased by all except**
- Renal failure
 - Hyperkalemia
 - Hypomagnesemia
 - Hypercalcemia
- 63. In Cirrhosis patients, dose reduction is needed for all the following drugs except**
- Lorazepam
 - Paracetamol
 - Metronidazole
 - Theophylline
- 65. All of the following are alkylating agents except**
- 5 FU
 - Melphalan
 - Cyclophosphamide
 - Chloramphenicol
- 64. All the following drugs produce Neuroleptic Malignant Syndrome except**
- Domperidone
 - Metaclopramide
 - Haloperidol
 - Amantadine

65. In Detrusor overactivity, all the following drugs are indicated except
 a. Flevaxate b. Tolterodine
 c. Solifenazine d. Duloxetine
66. In a patient with renal failure, which of the following cephalosporin can be given
 a. Cefuroxime b. Cefeperazone
 c. Cefepime d. Cefoxitin
67. Thalidomide is indicated in all the following conditions except
 a. HIV neuropathy
 b. HIV oral ulcers
 c. ENL
 d. Bechet's disease
68. Regarding Acarbose all the following are true except
 a. Decreases both fasting and postprandial blood sugar
 b. Inhibits alpha glucosidase
 c. Decreases fibrinogen
 d. Prevents progression of impaired glucose tolerance to type II DM
69. Which of the following anticancer drug is excreted by lung?
 a. Doxorubicin b. Cyclophosphamide
 c. Cisplatin d. 5FU
70. Regarding ACE inhibitors which of the following is true
 a. T1/2 of Enalapril is more than Lisinopril
 b. ACE converts angiotensinogen to AT I
 c. Pre treatment stoppage of diuretics decreases first dose hypotension
 d. It should be used only in decompensated left ventricular dysfunction
71. In osteoporosis which of the following drug causes both increased bone formation and decreased bone resorption
 a. Edidronate b. Calcitonin
 c. Teriperatide d. strontium
72. Ifosfamide - belongs to the class of
 a. alkylating agents b. anti-metabolite
 c. taxanes d. anti-biotics.
73. Microwick Micro-catheter is indicated in which of the following conditions
 a. Delivery of drug to round window
 b. Frey's syndrome
 c. Drooling of saliva
 d. Epistaxis
74. All the following are phase I reactions except
 a. Conjugation b. Oxidation
 c. Reduction d. Hydroxylation

75. Regarding Herceptin which is true
 a. Injection of herceptin Ag increases antibody response
 b. Her2neu positivity in most of the breast cancers so it can be used as a good target
 c. Development of mouse Ab, by fusing mouse myeloma cells with B lymphocytes.
 d. Combined with Doxorubicin, decreases the cardio-toxicity of anthracyclines.

ENT

76. All of the following are true regarding Nasolabial cyst except
 a. Usually bilateral
 b. Arises from odontogenic epithelium
 c. Present in submucosal anterior nasal floor
 d. Usually adult onset

OPHTHALMOLOGY

77. Inclusion conjunctivitis is caused by
 a. Chlamydia trachomatis
 b. Chlamydia psittaci
 c. Gornorrhoea
 d. .Herpes
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79. Left Abducens nerve palsy - true is
 a. Left side adduction weakness
 b. Diplopia on left gaze
 c. Ptosis
 d. Accomodation paralysis
80. Inclusion conjunctivitis is caused by
 a. Chlamydia trachomatis
 b. Chlamydia psittaci
 c. Gornorrhoea
 d. Herpes
81. All of the following are true about Horner's syndrome except
 a. Ptosis & miosis in ipsilateral eye
 b. Heterochromia of the iris
 c. Anhydrosis of the ipsilateral face
 d. Apparent exophthalmos

SPM

82. Kaplan Mayer Test is used for
 a. Survival
 b. Incidence
 c. Prevalence
 d. Frequency

- 83. Cyclodevelopmental phase is seen in**
a. Filaria b. Malaria
c. Yellow fever d. Plague
- 84. 'SAFE Strategy' includes all except**
a. Facial Hygiene
b. Vit A supplementation
c. Environmental sanitation
d. Oral azithromycin
- 85. Regarding Vaccine all of the following are true except**
a. Thiomersal is used as preservative in DPT
b. Kanamycin in BCG
c. Neomycin in measles vaccine
d. MgSO4 in OPV
- 86. Incidence is calculated by**
a. Cross sectional b. Prospective
c. Retrospective d. Case control
- 87. The colour code used for the Disposable Plastic Syringes is**
a. Blue b. Yellow
c. Red d. Black
- 88. Incineration done in all except**
a. Sharp waste b. Solid waste
c. Cytotoxic waste d. Anatomical waste
- 89. Regarding BCG vaccine which is true**
a. Normal saline or distilled water is used for reconstitution
b. WHO recommends danish1331 strain for vaccine production
c. Injection site is cleaned by spirit
d. BCG scar is formed definitely after 6 months
- 90. Minimal Incubation period is for**
a. Rubella
b. Influenza
c. Hepatitis A
d. Hepatitis B
- 91. DDT- all are true except**
a. It is a contact poison
b. Produces immediate death
c. Residual effect present for 18 months
d. Synergistic action with permethrin
- 92. Which is not a larvicidal**
a. Paris green
b. DDT
c. Gambusia
d. Intermittent irrigation
- 93. According to PDA 1995 – Which is added as 7th disability in Indian Parliament**
a. RTA b. Mental illness
c. Neurological illness d. Substance use
- 94. In RCT all are true except**
a. Investigator bias decreases by Double blinding
b. Control and test group compares with simple baseline characters
c. Sample size varies depend on hypothesis
d. Drop out exclude from the diagnosis
- 95. In a screening test in community level, if false positive levels are more- it indicates**
a. High sensitivity b. High specificity
c. Prevalance is low d. Prevalance is high
- 96. Regarding Cluster sample which is true**
a. Fast
b. Sample size equal to Simple Random Sampling
c. Clusters are selected from the clusters in the community
d. Sampling frame is necessary
- 97. Net protein utilisation**
a. Nitrogen retained in body /nitrogen intake
b. Good quality of protein
c. Amount of total energy intake
d.
- 98. Lepromin test is used for**
a. Diagnosis
b. Prognosis
c. Treatment
d. Epidemiological investigation
- 99. Regarding human milk all are true except**
a. Maximum secretion at 12 months
b. 70% iron absorption coefficient
c. Human milk is a reference protein
d. .
- 100. Biosafety precaution Grade III is practiced with all except**
a. Human Influenza virus
b. St. Louis encephalitis virus
c. Coxiella burnetti
d. Mycobacterium tuberculosis.
- 101. Salmonella isolation is recommends for**
a. Upto 3 days of starting chloramphenical treatment
b. Upto widal becomes negative
c. Till fever subsides
d. 3 stool and urine cultures negative on separate days
- 102. All the following are true regarding NPP except**
a. To bring TFR to replacement level by 2015
b. IMR to 30/1000
c. MMR to 100/100000
d. 100% registration of birth, death, marriages and pregnancies

103. **Standard reference females all are true except**
 a. 20 -49 yrs age b. 55 kg weight
 c. 8 hours sleep d. 2 hours activities
104. **Post pasteurized milk's quality is tested by**
 a. Phosphatase test b. Methylene blue test
 c. Catalase test d. Oxidase test
105. **Fish contains all except**
 a. Iodine b. Iron
 c. Calcium d. Phosphate

FORENSIC MEDICINE

106. **Embalming fluid contains all except**
 a. Phenol b. Ethanol
 c. Formalin d. Glycerine
107. **A man who works with pesticides presented with nausea, vomiting, abdominal pain, garlic odour and transverse ridges on his nails. Which of the following is the cause?**
 a. Arsenic b. Mercury
 c. Lead d. Cadmium
108. **FALANGA is**
 a. Sitting in abnormal position
 b. Hitting the feet with stick
 c. Electric current for torture
 d. Pulling of hair
109. **Hydrocution is**
 a. Electrocutation in water
 b. Cold water drowning
 c. Hot water drowning
 d. Post mortem submersion in water
110. **Thanatology is**
 a. Study of death b. Essence of crime
 c. Traumatology d. Trichology

MEDICINE

111. **All are included in the Framingham major criteria for CCF except**
 a. Paroxysmal nocturnal dyspnoea
 b. Cardiomegaly
 c. Hepatomegaly
 d. S3 gallop
112. **Regarding Acrodermatitis enteropathica all of the following are true except**
 a. It is a triad of Dermatitis , Diarrhoea and Dementia
 b. Autosomal recessive inheritance
 c. Caused by enzyme
 d. Treated by giving large dose of zinc

113. **A middle aged female presents with polyarthritis with elevated Rheumatoid factor and ANA levels, which among the following will help you to differentiate RHEUMATOID ARTHRITIS from SLE?**
 a. Soft tissue swelling at the proximal interphalangeal joint
 b. Juxta articular osteoporosis on x ray
 c. Articular erosions on xray
 d. Elevated ESR
114. **A female with Raynaud's phenomenon is more prone to develop**
 a. Scleroderma b. Leukemia
 c. SLE d. Systemic onset RA
115. **Which of the following pair is incorrect?**
 a. Selenium deficiency causes Cardiomyopathy
 b. Zinc deficiency causes Pulmonary fibrosis
 c. Increased calcium intake cause iron deficiency
 d. Vit A deficiency occurs after 6 months to 1 year of low Vitamin A diet
116. **A patient is having conjunctivitis, uveitis and arthritis, which among the following may be the causative agent?**
 a. Borrelia burgdoferi
 b. Ureaplasma urealyticum
 c. Group A Beta hemolytic streptococci
 d. Streptococcus bovis
117. **Which of the following antibodies involved in myositis?**
 a. Anti scl70 b. Anti jo1
 c. Anti ds DNA d. Anti Sm
118. **Which of the following joint not involved in Rheumatoid arthritis?**
 a. Ankle b. Elbow
 c. Tarso metatarsal joints
 d. Interphalangeal joints
119. **In a patient with Uraemia all the following conditions will improve after Hemodialysis except**
 a. Peripheral neuropathy
 b. Pericarditis
 c. Seizures
 d. Metabolic acidosis
120. **In a patient with cirrhosis Spider naevi is due to which of the following**
 a. Aldosterone
 b. Testosterone
 c. Estrogen
 d. Hepato toxins

121. **In progressive Multifocal Leuko-encephalopathy which among the following is not true**
 a. Deep cortico-cerebellar degeneration
 b. Brain biopsy is needed to confirm the diagnosis
 c. Visual impairment
 d. Chronic indolent course
122. **Regarding Thrombotic thrombocytopenic purpura - all the following are true except**
 a. Low complement levels
 b. Coombs negative haemolytic anaemia
 c. Minimal activation of coagulation system
 d. Hyaline fibrin thrombi
123. **Reiter's syndrome is associated with which of the following except**
 a. Circinate balanitis
 b. Oral ulcers
 c. Subcutaneous nodules
 d. Keratoderma blenorrhagica
124. **Most common cause of Mononeuritis multiplex in india**
 a. Rheumatoid arthritis
 b. SLE
 c. Hansen's disease
 d. Tuberculosis
125. **54 years old male smoker presented with complaints of recurrent episodes of cough, fever, hemoptysis, weight loss with oligo arthritis for 6 months duration. Chest X-ray reveals fleeting opacities in the lung fields. Which among the following is the most probable diagnosis?**
 a. Ca lung
 b. Tuberculosis
 c. ABPA
 d. Wegener's Granulomatosis
126. **Transmission of HIV from mother to child is prevented by all the following except**
 a. Oral Zidovudine to mother at 3rd trimester along with oral zidovudine to infant for 6 weeks
 b. vit A prophylaxis to mother
 c. vaginal delivery
 d. Stopping breast feeding
127. **Spontaneous CSF leak is caused by all of the following except**
 a. Increased ICT
 b. Pseudo tumor cerebri
 c. Partial or total empty sella syndrome
 d. Low is of encephalomyelocele
128. **In multiple myeloma, which of the following is not a minor criteria?**
 a. Multiple lytic lesions on skull xray
 b. Plasmacytoma on tissue biopsy
 c. Plasmacytosis >20% in plasma
 d. Serum IgG >3.5g and IgM>1.5g
129. **In acute replicative phase of hepatitis B infection which of the following will not be elevated?**
 a. HBV DNA
 b. HBV DNA polymerase
 c. Anti-HBc
 d. Elevated liver enzymes (AST & ALT).
130. **A patient with emphysema with obstructive pattern in pulmonary function studies which among the following will be more useful in measuring lung volumes?**
 a. DLCO
 b. Helium dilution method
 c. Body plethysmography
 d. Transdiaphragmatic pressure
131. **25 years female with 4 months duration of progressive dyspnoea, 58%, and oxygen saturation after exercise 93%, DLCO with FVC 90%, FEV1/FVC reduced from 93% to 85%. What is the most probable diagnosis .**
 a. Anxiety disorder
 b. Primary pulmonary hypertension
 c. Pulmonary hypoventilation
 d. Interstitial lung disease
132. **Anti TNF alpha therapy is contraindicated in**
 a. SLE
 b. Sero negative spondyloarthritis
 c. Psoriatic arthritis
 d. Bechet's syndrome
133. **All the following diseases are caused by Protein folding defects except?**
 a. Amyloidosis
 b. Prion diseases
 c. Multiple sclerosis
 d. CJD
134. **Regarding Prion protein, which of the following is true?**
 a. It is a protein product coded in viral DNA
 b. catalyses abnormal folding of other proteins
 c. Protect disulfide bonds from oxidation
 d. Cleaves normal proteins

135. **Pertussis toxin does not lead to**
 a. ADA ribosylation of Gs alpha subunit
 b. Blocks Adenylyl cyclase
 c. Increased calcium release from Sarcoplasmic reticulum
 d. Persistent activation of G alpha subunit

SURGERY

136. **Most common site of peripheral aneurysm**
 a. Femoral
 b. Popliteal
 c. Radial
 d. Subclavian
137. **A 30 years female admitted for abdominal pain, who was on Sulpha drugs for recent infection, developed seizures. What is the diagnosis?**
 a. AIP
 b. CEP
 c. Adenosine deaminase deficiency
 d. HGPRTase deficiency
138. **In a multiple injuries, patient developed fever, tachycardia, tachypnoea, rash around umbilicus on 2nd day. What is the cause?**
 a. Fat embolism
 b. Pulmonary embolism
 c. Meningitis
 d. Drug hypersensitivity
139. **In Deep Posterior Compartmental Syndrome, pain is produced on**
 a. toe flexion
 b. toe extension
 c. foot dorsiflexion
 d. ankle inversion
140. **'Hunterian Ligature' is used for**
 a. Aneurysm
 b. AV malformation
 c. Varicose veins
 d. Dissecting aneurysm.
141. **Most common cause of Mesenteric ischemia**
 a. Arterial embolism
 b. Venous thrombosis
 c. Non occlusive mesenteric ischemia
 d. Arterial thrombosis
142. **A patient presented with penetrating injury on right flank. On examination, patient is stable. Next step in the management is**
 a. DPL
 b. Exploratory celiotomy
 c. CECT
 d. Celiac angiography

143. **Breast ca with left supraclavicular lymph node enlargement belongs to the stage of**
 a. IIIb b. IV c. IIIa d. IIb
144. **In a 24 years male, CT shows necrotic mass in left hilum of kidney with heterogenous contrast enhancement. what is the diagnosis**
 a. Malignant melanoma
 b. Metastatic transitional ca
 c. Metastatic germ cell tumor
 d. Lymphoma
145. **For recurrent GIST – which of the following is best for diagnosis**
 a. CECT b. PET c. MIBG d. MRI
146. **Most common site of Glomus tumor is**
 a. Finger b. Adrenal
 c. Liver d. pituitary
147. **Medullary ca of thyroid - Treatment of choice is**
 a. Surgery only b. Surgery + RAI
 c. CT+RT d. Radiotherapy alone
148. **Most common site of Cholangiocarcinoma is**
 a. Hilum b. Intrahepatic
 c. Distal bile duct d. Multifocal
149. **A female of 25 years,with Abducens palsy, Seizures with Cavernous sinus mass, Hyperlucency on T2W image and slow gradual filling on CECT. What is the diagnosis?**
 a. Meningioma
 b. Cavernous hemangioma
 c. Astrocytoma
 d. schwannoma
150. **A 24 years female came with right hypochondrial pain for which cholecystectomy done. HPE shows stage IA carcinoma. Next line of management**
 a. Follow up
 b. Radical cholecystectomy
 c. CT
 d. CT+RT
151. **Surgery done in morbid obesity are all except**
 a. Sleeve gastrectomy
 b. Gastric bypass
 c. Biliary and pancreatic diversion
 d. Ileal transposition

152. **All of the following are true regarding GLESSONS SCORE, except**
 a. Staging from 1-10
 b. Higher the stage poor prognosis
 c. Used for grading the disease
 d. Used for treatment purpose
153. **" Post neck dissection shoulder syndrome" all are present except**
 a. Shoulder pain
 b. Normal electromyography
 c. Limitation of movement
 d. Shoulder drop
154. **Complication of Parenteral nutrition are all except**
 a. Essential fatty acid deficiency
 b. Metabolic bone disease
 c. Hyperphosphatemia
 d. Cardiopulmonary failure
155. **Curling's ulcer in burns present at**
 a. Esophagus b. Stomach
 c. Colon d. Duodenum
156. **A 25 years female presented with nipple discharge, duct ectasia with normal mammogram. Treatment of choice is**
 a. Microdochotomy
 b. Radical neck dissection
 c. Simple mastectomy
 d. Central quadrantectomy
157. **Gold standard investigation for GERD**
 a. 24 hours ph monitoring
 b. Endoscopy
 c. Manometry
 d. Esophagogram.
- OBSTETRICS & GYNAECOLOGY**
158. **Ovarian reserve is best indicated by**
 a. FSH b. LH
 c. LH/FSH Ratio d. Estradiol
159. **Regarding PCOS - all are true except**
 a. Increases DHEAS
 b. Increased LH Secretion
 c. Increased LH/FSH Ratio
 d. Marked hyperprolactinemia
160. **Patient with history of infertility treatment with 6 wks amenorrhoea , Serum Beta Hcg 1000 IU. In ultrasound, intrauterine gestational sac was not found. What is the next step in management?**
 a. Expectant management
 b. Medical management
 c. Repeat beta Hcg after 48 hours
 d. Repeat beta Hcg after 7 days
161. **Tubal motility is lost in**
 a. Karatagener's syndrome
 b. Turner's
 c. Noonan's
 d. Down's
162. **A 25 years old female undergone laparoscopic ovariectomy. HPE shows serous cystadenocarcinoma. Next step of management is**
 a. Regular CA125 & Follow up
 b. Staging salphingo - oophorectomy
 c. TAH WITH BSO
 d. Chemotherapy
163. **Para 3 with obstructed labor, patient is dehydrated, with tachycardia, with fetal demise. Next line of management is**
 a. Craniotomy
 b. Decapitation
 c. C.S
 d. Wait and watch
164. **Cholestasis of pregnancy - which of the following is most pathognomonic**
 a. Serum bilirubin
 b. Serum bile acid
 c. Serum ALP
 d. Liver enzymes
165. **Primi with 37 weeks of amenorrhoea, mild uterine contractions, cervix 1 cm dilated even after 10 hours, uneffaced cervix. Next step of management is**
 a. Sedation & watch
 b. Syntocinon infusion
 c. Amniotomy
 d. Caesarean section
166. **CLUE cells are present in**
 a. Trichomonas vaginalis
 b. Bacterial vaginosis
 c. Candida
 d. Gonorrhoea
167. **A 45 years female with DUB, endometrial thickness 8 mm on USG. Next step is**
 a. Hysterectomy
 b. Endometrial HPE
 c. Progesterone therapy
 d. Estrogen therapy
168. **Shoulder dystocia, which of the following procedure is contraindicated?**
 a. McRobert's procedure
 b. Fundal pressure
 c. Suprapubic pressure
 d. Wood's manoeuvre

186. **Risser's brace is used for**
 a. Thoracolumbar scoliosis
 b. Lumbar scoliosis c. Kyphosis
 d. Spondylolosthesis grade III

SKIN

187. **Congenital epidermolysis is caused by mutation in**
 a. Laminin V b. Collgen VII
 c. Keratin d. PLET angiten
188. **30 years female with depigmented round lesion in the centre of forehead. It is due to**
 a. Para Butyl catechol
 b. Para Butyl phenol
 c. Hydroquine
 d. ..
189. **2 months baby with linear verrucous lesions on back. Skin HPE shows vacuolar degeneration of keratinocytes in stratum granulosum and spinosum. What is the diagnosis?**
 a. Incontinento pigmenti
 b. Linear darrier's disease
 c. Congenital epidermal naevi
 d. Linear verrucous warts

Anesthesia

190. **NO is contraindicated in all except**
 a. Laser microlaryngeal surgery
 b. Vitreo retinal surgery
 c. Cochlear implants
 d. Exentration surgery
191. **Maximum absorption of Local anaesthetic is**
 a. Caudal b. Epidural
 c. Brachial plexus block
 d. Intercostal block
192. **Vasopressin of choice in Obstetrics patients**
 a. Ephedrine b. Phenylephrine
 c. Methoxamine d. Mephentermine
193. **Nitrogen narcosis is due to**
 a. High affinity to nitrogen
 b. Increased NO production
 c. Defect in dismutase
 d. Reducing free radical damage

RADIOLOGY

194. **Early diagnosis by USG is done for**
 a. Anencephaly
 b. Encephalocele
 c. Cystic hygroma
 d. Spina bifida

195. **USG shows thickened gall bladder mucosa and comet tail artefact . What is the diagnosis?**
 a. Xanthogranulomatous cholecystitis
 b. Adenomatous polyp
 c. Adenomyomatosis
 d. Gall bladder cancer

196. **'Central Dot Sign' is seen in**
 a. PSC
 b. CAROLI's disease
 c. Polycystic liver disease
 d. Biliary hamartoma

197. **Regarding CT Scan all are true - except**
 a. Decrease in milli-amperes in tube decreases dose significantly in paediatric ct chest
 b.
 c.50% decrease in KVP reduces 50%radiation dose
 d.

PSYCHIATRY

198. **Type II Schizophrenia all are true except**
 a. Negative symptoms more
 b. Disorganisation
 c. Abnormal CT
 d. Poor prognosis
199. **Best marker for ECT**
 a. Csf 5HIAA
 b. Increased csf dopamine levels
 c. Brain growth factor
 d. .

200. **COGNITIVE triad of Depression is by**
 a. Ellis b. Beck
 c. Godfrey d. Meicheinbanon

COMING SOON

PGMED GRAND TEST – TNPg PATTERN

- at Chennai, Vellore, Cuddalore, Trichy, Coimbatore, Erode, Salem, Madurai, Tirunelveli,
 - Questions paper on TNPg PATTERN.
 - Questions framed by our academic panel of PGMED.COM in the standard of TNPg EXAMS.
 - Overall ranking , from the results of all the exam centres.
 - Answers with references will be given at the end of GRAND TEST.
 - Will be useful as self-evaluation before taking TNPg/TNPSC EXAMS.
- (Date and Venue of the GRAND TEST will be announced shortly).**