

1. in a subclavian artery block at the outer border of first rib all of the following vessels help in maintaining the circulation to upper limb except?

- a. thyrocervical trunk
- b. suprascapular a
- c. sub scapular a
- d. superior thoracic a.

2. fascia around nerve bundle of brachial plexus is derived from?

- a. prevertebral fascia
- b. clavipectoral fascia
- c. deep cervical fascia
- d. pectoral fascia.

3. buccinator muscle is pierced by all except?

- a. buccal br of facial n.
- b. mucus gland of buccopharyngeal fascia.
- c. parotid duct
- d. buccal br of mandibular n.

4. which of the following brainstem nuclei is not derived from alar plate?

- a. hypoglossal nuclei
- b. inferior olivary nucleus
- c. dentate nucleus
- d. substantis nigra

5. which is not a permanent mucosal fold?

- a. gastric rugae
- b. spiral valve
- c. transverse rectal fold
- d. plica semilunaris

6. not a boundary of triangle of auscultation?

- a. scapula
- b. trapezius
- c. latissimus dorsi
- d. serratus anterior

7. spleen projects into the following space of peritoneal cavity?

- a. greater sac
- b. paracolic gutter
- c. left subhepatic space
- d. infracolic compartment

8. sternocleidomastoid is not supplied by?

- a. superior thyroid a.
- b. thyrocervical trunk
- c. occipital a
- d. post auricular a

9. which of the following is the terminal group of lymph node in coeliac axis?

- a. preaortic
- b. lateral sacral
- c. para colic
- d. intermediate gp.

PHYSIOLOGY :

10. nitrogen narcosis is caused due to?

- a. increased susceptibility of neurons for nitrogen
- b. nitrogen inhibits dismutase enzyme
- c. decrease in oxygen free radicals
- d. increased production of nitrous oxide

11. CSF pressure depends primarily upon?

- a. rate of formation from choroid plexus
- b. rate of absorption
- c. cerebral blood flow
- d. blood pressure

12. all are non functional plasma enzymes except?

- a. lipoprotein lipase
- b. hormone sensitive lipase
- c. alkaline phosphatase
- d. prostate specific phosphatase

13. maximum post prandial motility is seen in?

- a. ascending colon

- b. descending colon
- c. sigmoid colon
- d. transeverse colon

14. vagal stimulation of heart causes?

- a. increased hr
- b. . increased rr interval
- c. . increased cardiac output
- d. . increased force of contraction

15. true about weber feschner law?

- a. gradations of stimulus strength are discriminated approximately in proportion to the logarithm of the stimulus strength
- b.
- c.
- d.

16. cells present in cerebral cortex are all except?

- a. bipolar cells
- b. purkinje cells
- d. golgi cells
- d. granule cells

17. which does not lies in medulla?

- a. collecting duct
- b. jg apparatus
- c. vasa recta
- d. loop of henle

18. mineralocorticoid receptors are present in all except?

- a. liver
- b. glomerular tubules
- c. colon
- d. hippocampus

19. which is true?

- a. clearance of a substance is greater than gfr if tubular secretion occurs
- b. clearance of a subs is always increased if there is tubular secretion
- c. descending loh has hypotonic urine
- d. descending loh is permeable to solutes

20. mean circulating filling pressure is?

- a. difference between central venous pressure and central arterial pressure
- b. mean atrial pressure
- c. arterial pressure taken just at the point when heart stops beating
- d. difference between systemic and pulmonary arterial pressure

21. which is true about presynaptic inhibition?

- a. occurs due to hyperpolarisation of presynaptic membrane
- b. occurs due to inhibition of release of neurotransmitter from presynaptic terminal
- c. produces action potential
- d.

22. circadian rhythm is controlled by?

- a. suprachiasmatic nucleus
- b. median eminence
- c. paramedian nu
- d. supraoptic nuclei

BIOCHEMISTRY :

23. dna without introns is?

- a. b dna
- b. z dna
- c. c dna
- d. mitochondrial dna

24. all are true about glutathione except?

- a. converts hemoglobin to methemoglobin
- b. decreases free radicals
- c. helps in conjugation reaction
- d. co factor of various enzymes

25. ribosome has followin enzymatic activity?

- a. peptidyl transferase
- b. amino acyl t rna synthetase
- c. peptidase
- d.

26. which enzyme is responsible for carboxylation reaction?

- a. biotin
- b.
- c.

d. thiamine pyrophosphate

28. glowing of firefly is due to?

- a. ATP
- b. NADH
- c. GTP
- d. phospho creatinine

29. in carboxylation of clotting factors by vit k which amino acid is carboxylated?

- a. aspartate
- b. glutamate
- c. histamine
- d. histidine

30. synthesis of a immunoglobulin in membrane bound or independent form is determined by?

- a. one turn two turn joining rule
- b. allelic exclusion
- c. class switching
- d. differential ma processing

31. phosphorlase b is inhibited by?

- a. atp
- b. amp
- c. glucose
- d. calcium

32. in metabolism of xenobiotics all of the following reactions occur in phase one except?

- a. conjugation
- b. reduction
- c. hydrolysis
- d. oxidation

33. which is not a second messenger?

- a. AMP
- b. guanyl cyclase
- c. DAG
- d. IP3

34. structure of proteins can be determined by all except?

- mass spectrometry
- nmr spectrometry
- hplc

35. functions of thiamine?

- a. co enzyme of pyruvate dehydrogenase and alpha keto dehydrogenase
- b. co enzyme of trans ketolase
- c.
- d.

36. replace alanine by which amino acid will increase the absorbance of proteins at 280nm?

- a. leucine
- b. tryptophan
- c. proline
- d. arginine

PHARMACOLOGY :

37. thalidomide is not used in?

- a. hiv related neuropathy
- b. erythema nodosum leprosum
- c. aphthous ulcer
- d. bechets ds

38. drugs used for detrusor instability are all except?

- a. flavoxate
- b. solifenacin
- c. duloxetine
- d. tiaperetide

39. which is not an alkylating agent?

- a. cyclophosphamide
- b. busulphan
- c. 5fu
- d. melphalan

40. ifosfamide belongs to which class?

- a. alkylating agent
- b. anti metabolite
- c. taxanes
- d. antibiotics

41. doc for refractory histiocytosis?

- a. cladarabine
- b. fludarabine
- c. cytosine arabinoside
- d. high dose methotrexate

42. TNF alpha inhibitors are contraindicated in?

- a. SLE
- b. seronegative spondyloarthritis
- c. psoriatic arthritis
- d. rheumatoid arthritis

43. true about alpha subunit of g protein?

- a. has gtpase activity
- b.
- c.
- d.

44. question about herceptin ?

- a.
- b.
- c.
- d.

45. true about acarbose are a/e?

- a. controls both pre and post prandial hyperglycemia
- b. it decreases fibrinogen level
- c. its an alpha glucosidase inhibitor
- d. it delays progression of diabetes

46. a female has hypopigmented leison on centre of forehead.drug responsible is?

- a. hydroquinone
- b. ether metabolite of hydroquinone
- c. para tetra butyl catechol
- d. para tetra butyl phenol

47. dose of which cephalosporin is not reduced in renal insufficiency?

- a. cefixime
- b. cefoperazone
- c. cefipime
- d.

48. true about ace inhibitors?

- a. half life of enalapril is more than lisinopril
- b. inhibit conversion of angiotensinogen to angiotensin i
- c. first dose hypotension is not seen if previous treatment with diuretics is stopped
- d.

49. which of the following does not contribute to digoxin toxicity?

- a. hyperkalemia
- b. hypercalcemia
- c. renal failure
- d. hypomagnesemia

50. which drug used in treatment of osteoporosis causes both bone formation and decreased bone resorption?

- a. bisphosphonate
- b. strontium ranelate
- c. terapeptide
- d. calcitonin

51. which of the following drugs can be used in renal failure?

- a. lorazepam
- b. metronidazole
- c. theophylline
- d. acetaminophen

52. a girl on sulphonamides developed abdominal pain and presented to emergency with seizure.what is the probable cause?

- a. acute intermittent porphyria
- b. congenital erythropoietic porphyria
- c. inf mononucleosis
- d. kawasaki ds

PATHOLOGY :

53. MHC is located on which chromosome?

- a. 10
- b. 6
- c. x
- d. 13

54.brca 1 is located on chromosome?

- a. 13
- b. 11
- c. 17
- d. 22

55. gene for folate carrier protein is located on chromosome?

- a. 5
- b. x
- c. 21
- d. 9

56.all are true about thrombotic thrombocytopenic purpura except?

- a. microangiopathic hemolytic anemia

- b. thrombocytopenia
- c. normal complement level
- d. thrombosis

57.essential for tumour metastasis is?

- a. angiogenesis
- b.tumorogenesis
- c. apoptosis
- d. inhibition of tyrosine kinase activity

58. common complement component for both pathways is?

- a. c3
- b. c5
- c. c1q
- d. c8

59.enzyme responsible for respiratory burst is?

- a. oxidase
- b. dehydrogenase
- c. peroxidase
- d.catalase

60.most potent stimulator of naïve t cell is?

- a. mature dendritic cell
- b. follicular dendritic cell
- c. macrophage
- d. b cell

61. nitroblue tetrazolium test is used for?

- a. phagocytes
- b. complement
- c. t cell
- d. b cell

62. hypersensitivity vasculitis is seen in?

- a. post capillary venules
- b. arterioles
- c. veins
- d. capillaries

microbiology

63. biosafety precaution grade iii is practiced in all except?

- a. human influenza virus
- b. st louis encephalitis virus
- c. coxiella burnetti
- d. mycobacterium tuberculosis

64. most common species of pseudomonas causing intravenous catheter related infections?

- a. p. cepacia
- b. p. aeruginosa
- c. p. maltiphila
- d. p. mallei

65. most sensitive diagnostic test for dengue is?

- a. igm elisa

- b. cft
- c. tissue culture
- d. electron microscopy

66. a gardener has multiple vesicles on hand and multiple eruptions along the lymphatics. most common fungus responsible is?

- a. sporothrix shenkii
- b. cladosporium
- c. histoplasma
- d. candida

67. which is not a rna virus?

- a. ebola
- b. simian 40
- c. rabies
- d. vesicular stomatitis virus

68. true about prion is?

- a. are virus coded
- b. cause misfolding of proteins
- c. cleave protein
- d. defect in folding of proteins

69. all are true about bacteriophage except?

- a. helps in transduction of bacteria
- b. imparts toxigenicity to bacteria
- c. can transfer chromosomal gene

70. a girl from shimla presented to opd with fever malaise and axillary and inguinal lymphadenopathy. culture shows stalactite growth. causative organism is?

- a. yersinia pestis
- b. francisella
- c. pseudomonas
- d.

71. true about carbohydrate antigen are all except?

- a. has low immunogenicity
- b. memory response seen
- c. causes polyclonal b cell stimulation
- d. does not stimulate t cell

72. mechanism of action of pertussis toxin is?

- a. adp ribosylation
- b.
- c.
- d. acts through g alpha subunit

73. which of the following is true about isotypic variation?

- a. subtle amino acid changes due to allelic differences
- b. changes in aa heavy and light chain in variable region
- c. changes in heavy n light chain in constant region responsible for class and subtype
- d. these are areas in antigen that bind specifically to antibody

74. true about hybridoma technique are a/e?

- a. normal activated b cells/myeloma cells
- b. myeloma cells selective mutation in salvage pathway, vigorous proliferation in hat medium
- c. thymidine kinase and hprt catalyse the salvage pathway
- d. aminopterin a folic antagonist, inhibits de novo nucleotide synthesis

forensic medicine

75. what is fallanga?

- a. beating on soles with blunt object
- b.
- c.
- d.

76. hydrocution refers to?

- a. drowning in cold water
- b. electrocution in water
- c. post mortem immersion
- d. immersion in boiling water

77. not a constituent of embalming fluid?

- a. phenol
- b. ethanaol
- c. formalin
- d. glycerine

78. thanatology is study of?

death

79. a man working as a pest killer comes to opd with pain abdomen and garlic odour in breath with transverse lines on nails. poisoning is due to?

- a. lead
- b. arsenic
- c. mercury
- d. cadmium

SOCIAL AND PREVENTIVE MEDICINE :

80. kaplan meier method is used for?

- a. survival
- b. prevalence
- c. incidence
- d. frequency

81. incidence can be calculated by?

- a. case control study
- b. cross sectional study
- c. prospective study
- d. retrospective study

82. all are true about cluster sampling except?

- a. sample size is same as that of simple random sampling
- b.
- c.
- d.

83. false about indian reference female is?

- a. weighs 55 kg
- b. age 20-39yrs
- c. 8 hours of moderate work
- d. walking and recreation for 2 hours

84. not true about breast milk is?

- a. maximum output is seen at 12 month
- b. breast milk protein is a reference protein
- c. calcium utilization from breast milk is more than cows milk
- d. coefficient of absorption of iron is 70%

85. lepromin test is used for?

- a. diagnosis
- b. treatment
- c. prognosis
- d. epidemiological investigation

86. fish is a poor source of?

- a. iron
- b. phosphorus
- c. iodine
- d. vit a

87. false about vaccines is?

- a. thiomersal is preservative in dpt
- b. kanamycin is preservative in measles
- c. mgcl₂ is stabilizer used in opv
- d. neomycin is preservative in bcg

88. true about bcg vaccination is?

- a. tuberculin test is positive after 6 weeks of vaccination
- b. inj site should be cleaned with spirit
- c. who recommends danish1331 strain for vaccine
- d. diluent used is either distilled water or normal saline

89. shortest incubation period is of?

- a. influenza
- b. hep b
- c. hep a
- d. rubella

90. increase in false positive is seen in?

- a. high prevalence
- b. low prevalence
- c. high specificity
- d. high sensitivity

91. plastic wrapper of surgical syringe should be discarded in?

- a. blue bag
- b. black
- c. yellow
- d. red

92. false about ddt is?

- a. contact poison
- b. residual effect lasts for 18 moths
- c. causes immediate dath
- d. permethrin has synergistic action

93.all are larva control measures except?

- a. gambusia
- b. intermittent irrigation
- c. ddt
- d. paris green

94.not a part of safe strategy?

- a. azithromycin
- b. vit a supplementation
- c. face wash
- d. sanitation

95.goals of national population policy are a/e?

- a. bring down tfr to replacement level by 2015
- b. decrease imr to 30/1000
- c. decrease mmr to 100/100000
- d. 100% registretion of birth death and pregnancy

96.best index of contraceptive efficacy is?

pearl index
chandlers index

97. test for efficacy of pasteurisation of milk is?

- a. methylene blue test
- b. phosphatase test
- c.
- d.

98. incineration is not done for?

- a. waste sharp
- b. cytotoxic drugs
- c. human anatomical waste
- d.

99. cyclo developmental life cycle is seen in?

- a. filaria
- b. malaria
- c. yellow fever
- d. plague

100. true about npu?

- a. it gives idea about quality of protein
- b. it is the ratio of total nitrogen retained by total N₂ intake multiplied by 100
- c.
- d.

101. true about maximum isolation period of enteric fever is?

- a. upto 3 days after starting the treatment
- b. till 3 consecutive negative stool and urine samples are obtained from the patient
- c.
- d.

102. all are true about randomised controlled trial except?

- a. sample size depends upon hypothesis
- b. dropouts are excluded from analysis
- c. interviewers bias can be eliminated by double blinding
- d. groups are comparable on baseline characteristics.

EAR , NOST AND THROAT

103. use of nitrous oxide is contraindicated in?

- a. cochlear implant
- b. microlaryngeal surgery
- c. vitreoretinal surgery
- d. exentration operation

104. all are true about nasolabial cyst except?

- a. arises from odontoid epithelium
- b. usually bilateral
- c. presents submucosally in anterior nasal floor
- d. usually presents in adulthood

105. microwick microcatheter sustained release preparation is used in?

- a. medication to round window
- b. control of epistaxis
- c. freis syndrome
- d. drooling of saliva

ophthalmology

106. all are seen in horners syndrome except?

- a. heterochromia iridis
- b. ptosis
- c. miosis
- d. apparent exophthalmos

107. inclusion conjunctivitis is caused by?

- a. chlamydia psittaci
- b. chlamydia trachomatis
- c.
- d.

108. maximum refractory index is of?

- a. cornea
- b. ant surface of lens

- c. centrum of lens
- d. post surface of lens

109. what is seen in 6th nerve palsy of left side?

- a. diplopia in left gaze
- b. accommodative paresis of left eye
- c. ptosis of left eye
- d. adduction weakness of left eye

110. which enzyme is defective in Refsums disease?

- a. phytanic acid oxidase
- b. succinate thiokinase
- c. malonate dehydrogenase
- d.

medicine

111. a 9 yr old girl has difficulty in combing hairs and climbing upstairs since 6 months. she has Gowers sign positive and maculopapular rash over metacarpophalangeal joints. what should be the next appropriate investigation to be done?

- a. esr
- b. ra factor
- c. creatine kinase
- d. electromyography

112. antibody found in myositis is?

- a. anti jol
- b anti scl 70
- c. anti ds dna
- d.

113. a girl on exposure to cold has pallor of extremities followed by pain and cyanosis. in later ages of life she is prone to develop?

- a. sle
- b. scleroderma
- c. ra
- d. systemic sclerosis

114. which radiological feature would help differentiate rheumatoid arthritis with sle?

- a. erosion
- b. juxta articular osteoporosis
- c. subluxation of mcp joint
- d. swelling of pip joint

115. all are seen in reiters syndrome except?

- a. subcutaneous nodules
- b. oral ulcers
- c. keratoderma belanorrhagicum
- d. circinate balanitis

116. which of the organism causes reactive arthritis?

- a. ureaplasma urealyticum

- b. group a beta hemolytic streptococci
- c. borrelia burgdorferi
- d.

117.all are true about metachromatic leucodystrophy except?

- a. follows an indolent course and slow to progress
- b. tissue biopsy is diagnostic
- c. presents as visual loss and speech abnormality
- d. involves deep cortical neurons

118. most common cause of mononeuritis multiplex in india is?

- a. hansens disease
- b. ra
- c. tb
- d. pan

119.wiskott aldrich syndrome is characterised by all except?

- a. thrombocytopenia
- b. autosomal recessive
- c. failure of aggregation of platelets in response to agonists
- d. eczema

120.spontaneous csf leak occurs in all except?

- a. increased ict
- b. partial or complete empty sella syndrome
- c. pseudotumour cerebri
- d. low risk encephalocele

121. true about fluorescent antibody detection test in diagnosis of plasmodium falcifarum are a/e?

- a. it's a immunochromatic test
- b. detection of histidine rich protein 1
- c. detection of lactate dehydrogenase antigen
- d. detection of aldolase antigen

122. microangiopathic hemolytic anaemia is seen in a/e?

- a. antiphospholipid antibody syn
- b. ttp
- c. microscopic polyangitis
- d. metallic cardiac valves

123. which of these is not a marker of active replicative phase of chronic hepatitis b?

- a. hbv dna
- b. hbv dna polymerase
- c. anti hbc
- d. ast & alt

124. vasodilation in spider naevi is due to?

- a. hepatotoxin
- b. estrogen
- c. testosterone
- d. dhea

125. in a emphysematous patient with [bleep] leison which is the best investigation to measure lung volumes?

- a. body plethysmography
- b. helium dilution
- c. trans diaphragmatic pressure
- d. dlco

126. a 29 yr old unmarried female presents with dyspnea, her chest x ray is normal, fvc-92% fevi/fvc-89% dlco-59%. on exercise her oxygen saturation drops from 92% to 86%. what is the diagnosis?

- a. alveolar hypoventillation
- b. primary pulmonary hypertension
- c. interstitial lung disease
- d. anxiety

127. a man on 10 days course of cephalosporins on 8th day of treatment develops high grade fever and rashes all over the body. what is the diagnosis?

- a. partially treated meningitis
- b. type iii hypersensitivity reaction
- c. kawasaki's ds
- d.

128. which is false about acrodermatitis enteropathica?

- a. triad of diarrhoea dmentia dermatitis
- b. low serum zinc levels
- c. symptoms improve with zinc supplementation
- d.

129. which of the following is not a minor criteria for multiple myeloma?

- a. multiple lytic bone lesions
- b. plasmacytosis of 20% in bone marrow
- c. plasmacytoma on tissue biopsy
- d. igg- 3g/dl iga-1.5g/dl

130. which of the following features of uremia will not improve with hemodialysis?

- a. peripheral neuropathy
- b. pericarditis
- c. seizures
- d. metabolic acidosis

131. not a major framingham criteria for diagnosis of chf?

- a. hepatomegaly
- b. cardiomegaly
- c. s3 gallop
- d. paroxysmal nocturnal dyspnea

132. a 54 yr old smoker man comes with fever hemoptysis weight loss and oligoarthritis. serial skiagram shows fleeting opacities. what is the diagnosis?

- a. allergic bronchopulmonary aspergillosis
- b. ca lung
- c. tb
- d. wegeners granulomatosis

133. misfolded proteins are seen in a/e?

- a. prion ds
- b. multiple sclerosis
- c. amyloidosis
- d. creutzfeldt jacob ds

134.zinc deficiency causes a/e?

- a. pulmonary fibrosis
- b.
- c.
- d.

SURGERY :

135.in a maLe after laproscopic cholecystectomy carcinoma gall bladder stage ia was detected on histopath. what is the next appropriat management?

- a. conservative and follow up
- b. radical portal lymphadenectomy
- c. radiotherapy
- d.

136. boundary of triangle of dom are formed by all except?

- a. peritoneal fold reflection
- b. coopers ligament
- c. testicular vessels
- d. vas defrens

137.most common site of curlings ulcer in a burns patient is?

- a. duodenum
- b. ileum
- c. colon
- d. oesophagus

138. most common site of peripheral aneurysm?

- a. femoral a.
- b. popliteal a
- c. brachial a
- d. radial a

139. the children hospital of eastern ontario pain scale (cheops) for rating post operative pain in children includes a/e?

- a. cry
- b. touch
- c. torso
- d. oxygen saturation

140. a man comes to emergency with stab injury to left flank. he has stable vitals what would be the next step in management?

- a. cect
- b. celiotomy/scopy
- c. diagnostic peritoneal lavage
- d. laparotomy

141. recurrent gist is diagnosed by?

- a. pet scan
- b. mibg
- c. mri

d. usg

142. nicoladoni's sign is also known as?

- a. branhams sign
- b. murray sign
- c.
- d. frei sign

143. not a complication of total parenteral nutrition?

- a. congestive cardiac failure
- b. metabolic bone disease
- c. essential fatty acid deficiency
- d. hypophosphatemia

144. surgery not done in morbid obesity?

- a. ileal transposition
- b. pancreatico biliary diversion
- c. sleeve gastrectomy
- d. gastric bypass

145. a person with multiple injuries develops fever tachycardia tachypnea and a periumbilical rash. diagnosis is?

- a. fat embolism
- b. pulmonary embolism
- c.
- d.

146. glomus tumour is seen in?

- a. pituitary
- b. adrenal
- c. liver
- d. finger

147. hunterian ligature is used in?

- a. varicose vein
- b. popliteal aneurysm
- c. av malformation
- d. limb ischemia

148. treatment of medullary carcinoma thyroid?

- a. surgery alone
- b. radioiodine ablation
- c. surgery and radiotherapy
- d. chemo and radiation

149. in a patient of carcinoma breast supraclavicular lymph nodes are positive for metastasis. stage is?

- a. ii
- b. iiib
- c. iiic
- d. iv

150. best test to diagnose GERD and quantify acid output is?

- a. esophagogram

- b. endoscopy
- c. 24 hour ph monitoring
- d. manometry

151. virchows triad includes a/e?

- a. injury to vein
- b. venous thrombosis
- c. venous stasis
- d. hypercoagulability of blood

152. a 25 year male presented with pain abdomen, on usg mixed echogenicity was found at left renal hilum and a multifocal necrotic mass is detected. probable diagnosis is?

- a. metastatic germ cell tumour
- b. transitional cell carcinoma
- c. lymphoma
- d. metastatic malignant melanoma

153. most common site of cholangio carcinoma?

- a. distal biliary tree
- b. hilum
- c. intrahepatic biliary duct
- d. multifocal

154. true about gleasons staging?

- score from 1-10
- b. high score is associated with bad prognosis
- c. helps in grading of tumour
- d. helps decide treatment modality

155. most common cause of acute mesenteric ischemia?

- a. thrombosis
- b. embolism
- c. non-occlusive mesenteric ischemia
- d.

156. a woman noticed mass on breast with bloody discharge. histopath revealed duct ectasia. treatment is?

- a. microdochectomy
- b. lobectomy
- c. radical duct excision
- d. simple mastectomy

PAEDIATRICS :

157. a 7 yr old girl with non-productive cough, mild stridor for 3 months duration. patient is improving but suddenly developed wheeze, productive cough, mild fever and hyperlucency on CXR and PFT shows obstructive curve. diagnosis is?

- a. bronchiolitis obliterans
- b. hemosiderosis
- c. pulmonary alveolar microlithiasis
- d. follicular bronchitis

158. 3.5 kg term male baby born of uncomplicated pregnancy developed respiratory distress at birth, not responded to surfactant, echo is normal, CXR shows ground glass appearance. culture negative. Apgar score 4 and 5 at 1 and 5 min. history of 1 month female sibling died before. diagnosis?

- a. TAPVC
- b. meconium aspiration
- c. neonatal pulmonary alveolar proteinosis

d. diffuse herpes simplex infection

159. all are true about congenital rubella except?

- a. igg persists for more than 6 months
- b. igm antibody is present at birth
- c. most common anomalies are hearing and heart defects
- d. increased congenital malformation if infection after 16 weeks

160. a 10 yr old child is always restless inattentive to study and always wants to play outside. parents are extremely distressed. what would you advise?

- a. it's a normal behaviour
- b. behaviour therapy
- c. it's a serious illness requires medical treatment
- d. needs change in environment

161. a 2yr old child brought to emergency at 3 am .child has barky cough and stridor only while crying. normal hydration rr-36/min t-39.6 c .what will be your next step?

- a. racemic epinephrine nebulisation
- b. high dose dexamethasone inj
- c. nasal wash for influenza/rsv
- d. antibiotics and blood culture

162. bad prognostic factor for all is?

- a. age 2-8 years
- b. $tlc < 50000$
- c. hyperdiploidy
- d. $t(9:22)$, $t(8:14)$, $t(4:11)$

OBSTETRICS AND GYNAECOLOGY :

163.in mc roberts manoeuvre hip is flexed against mothers abdomen.this leads to injury of which nerve?

- a. lumbosacral trunk
- b. obturator n
- c. femoral n.
- d. lateral cutaneous n of thigh

164. all are done in management of shoulder dystocia except?

- a. fundal pressure
- b. mc roberts manoeuvre
- c. suprapubic pressure
- d. wood s manoeuvre

165.a 25 year old married nullipara undergoes laproscopic cystectomy for ovarian cyst which on histopath reveals serous ovarian adenocarcinoma.what should be the next management?

- a. serial ca-125 and follow up
- b. hysterectomy and salpingoophorectomy
- c. hysterectomy + radiotherapy
- d. radiotherapy

166. safest vasopressor in pregnancy is?

- a. ephedrine
- b. phenylephrine
- c. methoxamine
- d. mephentine

167. fallopian tube dysmotility is seen in?

- a. noonan syn
- b. turner syn
- c. kartagener syn
- d. marfan syn

168. all of the following investigations are used in figo staging of carcinoma cervix except?

- a. cect
- b. ivp
- c. cystoscopy
- d. proctosigmoidoscopy

169. clue cells are found in?

- a. candidial vaginosis
- b. bacterial vaginosis
- c. trichomoniasis
- d.

170. best indicator of ovarian reserve is?

- a. fsh
- b. estradiol
- c. lh
- d. fsh/ lh ratio

171. a pregnant lady acquires chicken pox 3 days prior to delivery. she delivers by normal vaginal route. which of the following statements is true?

- a. both mother and baby are safe
- b. give antiviral tt to mother before delivery
- c. give antiviral tt to baby
- d. baby will develop congenital varicella syndrome

172. earliest detectable congenital malformation by usg is?

- a. anencephaly
- b. spina bifida
- c. meningocoele
- d. cystic hygroma

173. all of the following should be done to prevent the transmission of hiv from mother to baby except?

- a. vit a supplementation to mother
- b. no breast feeding
- c. vaginal delivery
- d. zidovudine to mother

174. a 45yr old lady with dub has 8mm thickness of endometrium. next step in management?

- a. histopathology'
- b. hysterectomy
- c. progesterone
- d. ocp

175. all are true about pcod except?

- a. persistently elevated lh
- b. increased lh/fsh ratio
- c. increased dheas
- d. increased prolactin

176.a female at 37 wks of gestation has mild labour pain for 10 hours and cervix is persistently 1cm dialated non effeced.what will be next appropriate management?

- a. sedation and wait
- b. augmentation with syntocinon
- c. cesarean section
- d. amniotomy

177.a woman comes with obstructed labour and grossy dehydrated investigations reveal fetal demise.what will be the management?

- a. craniotomy
- b. decapitation
- c. cesarean section
- d. forceps extraction

178.investigation of choice in cholestasis of pregnancy?

- a. bilirubin
- b. bile acids
- c. alk phosphatase
- d. alt&ast

179.a female has history of 6 weeks amenorrhoea,usg shows empty sac,serum beta hcg - 1000iu.what would be next management?

- a. medical management
- b. repeat hcg after 48 hours
- c. repeat hcg after 1 week

d.

orthopaedics

180. velpeau sling and swath bandage is used in?

- a. acromio c lavicular dislocation
- b. shoulder dislocation
- c. fracture scapula
- d. fracture clavicle

181. in post radical neck dissection syndrome all are seen except?

- a. shoulder drooping
- b. restricted range of movement of shoulder joint
- c. shoulder pain
- d. normal electromyographic finding

182. rissers localiser cast is used in the conservative management of?

- a. dorsolumbar scoliosis
- b. idiopathic scoliosis
- c. kyphosis
- d. spondylolisthesis grade iii

183. watson jones operation is done for?

- a. valgus deformity
- b. muscle paralysis
- c. neglected clubfoot
- d. hip

184. trendelenberg test is positive due to injury to?

- a. sup gluteal n
- b. inf gluteal n
- c. obturator n
- d. tibial n

185. joint not involved in ra according to 1987 modified ara criteria is?

- a. metatarsophalangeal
- b. tarsometatarsal
- c. ankle
- d. elbow

186.in posterior compartment syndrome which passive movement causes pain?

- a. dorsiflexion of foot
- b. foot inversion
- c. toe dorsiflexion
- d. foot abduction

187.most common cause of insertional tendinitis of tendoachilles is?

- a. improper shoe wear
- b. runners and jumpers
- c. overuse
- d. intraleisonal steroid inj

dermatology

188. child presents with linear verrucous plaques on the trunk with vacuolisation of keratinocytes in s. spinosum and s. granulosum. diagnosis is?

- a. incontinentia pigmenti
- b. delayed hypersensitivity reaction
- c. naevus
- d. linear darriers disease

189. in congenital dystrophic epidermolysis [bleep] defect is seen in?

- a. laminin 4
- b. collagen type 7
- c.
- d.

radiology

190. a pt comes with proptosis and abducent n palsy. a dark homogenous mass on t2w mri is seen which shows intense enhancement with contrast. diagnosis is?

- a. cavernous hemangioma
- b. meningioma
- c. astrocytoma
- d. glioma

191. central dot sign is seen in?

- a. carolis disease
- b. primary sclerosing cholangitis
- c. polycystic liver disease
- d. liver hamartoma.

192. on usg diffuse thickening of gall bladder with hyperechoic shadow at neck and comet tailing is seen in?

- a. xanthogranulomatous cholecystitis
- b. adenomyomatosis
- c. adenomyomatous polyps
- d. cholesterol crystals

193. ct index. true is?

- a. by reducing kvp by 50% radiation dose is reduced to half
- b.
- c.
- d.

psychiatry

194. type two schizophrenia(tj crow) is characterised by all except?

- a. negative symptoms
- b. poor response to tt
- c. disorganised behaviour
- d. ct scan abnormal

195. according to disabilities act 1995. seventh disability as it is usually referred to is?

- a. neurological abnormality
- b. mental illness
- c. substance abuse
- d. disability due to road traffic accident

196. cognitive model of depression is given by?

- a. godfrey
- b. beck
- c.
- d.

197. most recent marker of ect is?

- a. 5-hiaa
- b. csf dopamine
- c. brain derived growth factor
- d. thyroxine

anaesthesia

198. fastest route of absorption of local anaesthetic is?

- a. intercostal
- b. epidural
- c. brachial
- d. caudal

199. all of the following cause neurolept malignant syndrome except?

- a. amantadine
- b. haloperidol
- c. metoclopramide
- d. domperidone

200. which drug acts through alpha subunit of gaba receptor?