

MCI SCREENING TEST MAR 2009 high yield important topics review subjects

Anatomy

- 1) Nerve supply to hypothenar muscles - ulnar, median, radial, musculocutaneous
 - 2) The ligament which transfers weight of arm to the trunk - costoclavicular, coracoclavicular, acromioclavicular,
 - 3) Not present at the level of pylorus - L1 vertebra, right suprarenal gland, tip of ninth cartilage, fundus of gallbladder
 - 4) True about ureter - crosses behind bifurcation of common iliac artery, pelvic part is 20cm, uterine artery crosses in front, lined by cuboidal epithelium
 - 5) The nerve that is not injured during surgery of submandibular region - hypoglossal, facial, lingual, glossopharyngeal
 - 6) Parotid duct opens opposite to - upper 1st molar, upper 2nd molar, upper 2nd premolar, upper 1st premolar
 - 7) Common location of cirroid aneurysm - external carotid, internal carotid, superficial temporal, occipital
- Cross section of superior colliculus at the level of brain stem shows - Red nucleus, Rednucleus and Abducent nerve, Red nucleus and optic nerve
- 9) Function of superior oblique - a)intortion, adduction &depression b)intortion, abduction and elevation c) intortion, abduction and depression d) extortion, abduction and depression
 - 10) Nerve commonly involved in Gullain Barre syndrome - facial, optic, oculomotor, trochlear
 - 11) Safety muscle of tongue - styloglossus, genioglossus, palatoglossus
 - 12) Nerve supply to angle of mandible - mandibular, facial, hypoglossal
 - 13) Spinal part of accesory nerve supplies - sternocleidomastoid, deltoid,
 - 14) Primary auditory area - inferior temporal gyrus, supratemporal plane of superior temporal gyrus
 - 15) A lesion involving right upper motor neuron of facial nerve causes paralysis of - right lower facial muscles, left lower facial muscles, all facial muscles on right side
 - 16) Optic nerve is - 1st order neuron, 2nd order neuron
 - 17) SA node is supplied by - left anterior descending coronary artery, right coronary artery,
 - 18) Muscle that is most commonly used for grafting - sartorius, gracilis, plantaris,
 - 19) Urinary bladder trigone develops from - mesoderm, endoderm of urachus, ectoderm,
 - 20) Which of the following doesn't drain into coronary sinus – great cardiac vein, small cardiac vein, middle cardiac vein, anterior cardiac vein
 - 21) Something related to fossa ovalis – septum primum, crescentic SA fold, septum secundum

Physiology

- 22) Heat stimulated sweating is mediated by - parasympathetic stimulation, cholinergic mediated sympathetic activity
- 23) Hagemann factor is involved in - extrinsic pathway, intrinsic pathway, fibrinolysis, none
- 24) When aPTT is prolonged factor not affected is - XII, XI, VII, I X
- 25) Strongest effect on vagal inhibition is seen in - stomach, intestine
- 26) Plasma makes - 5% of BW, 10% of BW, 15% of BW, 20% of BW
- 27) When light falls on retinal pigment epithelium - depolarisation occurs, repolarisation occurs, spike potential is generated
- 28) Maximum number of sodium channels per square inch is present in - dendrites, axonal body, schwann cells, myelin sheath
- 29) The cilia present in the inner ear moves - when perilymph moves, when moving person suddenly stops, when head is rotated
- 30) Erythropoietin is secreted by - extraglomerular mesangial cells, interstitial cells of kidney, macula densa, renal tubular epithelial cells
- 31) Maximum absorption of Na, K, Cl in proximal convoluted tubule occurs due to the effect of - angiotensin II, aldosterone
- 32) Role of cholesterol in cell wall - fluidity, hydrophobicity, thickness
- 33) Major contribution to plasma osmolality - Na, K, Cl, Mg
- 16) Optic nerve is - 1st order neuron, 2nd order neuron
- 17) SA node is supplied by - left anterior descending coronary artery, right coronary artery,
- 18) Muscle that is most commonly used for grafting - sartorius, gracilis, plantaris,
- 19) Urinary bladder trigone develops from - mesoderm, endoderm of urachus, ectoderm,
- 20) Which of the following doesn't drain into coronary sinus – great cardiac vein, small cardiac vein, middle cardiac vein, anterior cardiac vein
- 21) Something related to fossa ovalis – septum primum, crescentic SA fold, septum secundum

Physiology

- 22) Heat stimulated sweating is mediated by - parasympathetic stimulation, cholinergic mediated sympathetic activity
- 23) Hagemann factor is involved in - extrinsic pathway, intrinsic pathway, fibrinolysis, none
- 24) When aPTT is prolonged factor not affected is - XII, XI, VII, I X
- 25) Strongest effect on vagal inhibition is seen in - stomach, intestine
- 26) Plasma makes - 5% of BW, 10% of BW, 15% of BW, 20% of BW

- 27) When light falls on retinal pigment epithelium - depolarisation occurs, repolarisation occurs, spike potential is generated
- 28) Maximum number of sodium channels per square inch is present in - dendrites, axonal body, schwann cells, myelin sheath
- 29) The cilia present in the inner ear moves - when perilymph moves, when moving person suddenly stops, when head is rotated
- 30) Erythropoietin is secreted by - extraglomerular mesangial cells, interstitial cells of kidney, macula densa, renal tubular epithelial cells
- 31) Maximum absorption of Na, K, Cl in proximal convoluted tubule occurs due to the effect of - angiotensin II, aldosterone
- 32) Role of cholesterol in cell wall - fluidity, hydrophobicity, thickness
- 33) Major contribution to plasma osmolality - Na, K, Cl, Mg
- 34) Mean Arterial Pressure is - arithmetic mean of systolic and diastolic pressures, diastolic + 1/3rd of systolic, diastolic + 1/3(SP-DP)
- 35) Which of the following is true - vital capacity increases in elderly, functional residual capacity accounts for 75% of total lung capacity
- 36) True about Iron absorption is – decreases following gastrojejunostomy, absorbed in distal ileum, decreases following jejunioileal resection

Biochemistry

- 37) Glutathione is - dipeptide, oligopeptide, tripeptide, polypeptide
- 38) To check clotting factors what is added to blood - EDTA, tricitrate, oxalate
- 39) Sodium fluoride added to blood inhibits - enolase, hexokinase
- 40) Decreased cyanocobalamin absorption not seen in - autoimmune gastritis, pernicious anemia, increased growth of intestinal bacteria, chronic pancreatitis
- 41) Rate of absorption of iron regulated by - mucosal stores of iron, route of administration, preparation
- 42) Fatty acids are transported by - transthyretin, pre-albumin, albumin, ceruloplasmin
- 43) Western Blotting is done for identifying - DNA, RNA, Protein,
- 44) Prostaglandins are derived from – corticosteroids, arachidonic acid,
- 45) Structure of DNA is maintained by - alfa helix, beta pleated, Z finger, triple helix
- 46) Ketone bodies synthesised by - muscle, liver, kidney, brain
- 47) Insulin is required for glucose transport in - RBC, adipose tissue, muscles, intestine
- 48) Carbomoyl phosphate synthetase is - cytosolic enzyme, mitochondrial enzyme, lysosolic enzyme, all of the above

49) Reducing agent used in lipogenesis is derived from - Pentose phosphate pathway, TCA cycle, Glycolysis, Gluconeogenesis

50) The L or D form of a compound is determined by its relation to - glucose, fructose, glycogen, aldehyde

Microbiology

51) Peptidoglycans are found in large quantities in cell wall of - gram +ve bacteria, gram-ve bacteria, fungi, virus

52) Bile stained eggs are found in - *E.histolytica*, *Ascaris lumbricoides*, *Trichuris trichura*, *Ankylostoma duodenale*

53) Sabin Fieldmann test is used to diagnose - *Toxoplasma*, *Giardia lamblia*

54) Most common cause of chronic meningitis - *cryptococcus neoformans*, *histoplasma*, *blastomyces*

55) Anaemia is caused by - *Ascaris lumbricoides*, *Ankylostoma duodenale*, *Taenia saginata*

56) Chinese letter arrangement is seen in - *Corynebacterium diphtheria*, *M.tuberculosis*, *M.leprae*, *Chlamydia trachomatis*

57) Carriers for Herpes simplex is - Monkey, Man, both, none

58) When a virus enters human body, it is first encountered by – B lymphocyte, T lymphocyte, natural killer cells, cytotoxic T cells

Pathology

59) Ulcer transforms into carcinoma in - stomach, duodenum,

60) *H.pylori* causes - MALToma,

61) Starry sky pattern not seen in - Burkitts lymphoma, Non-Burkitts lymphoma, Lymphoplasmic lymphoma

62) Not a precancerous condition - leukoplakia, erythroplakia, chronic hyperplastic candidiasis, lichen planus

63) Single best prognostic factor in Papillary carcinoma of thyroid - grading, metastasis, stage, age of patient

64) The organ that is first involved in acute transplant rejection – liver, kidney, skin, heart

65) Following circulatory shock which of the following occurs - acute papillary necrosis, acute tubular necrosis

66) Most common cause of hyperaldosteronism is - adrenal adenoma, adrenal hyperplasia, adrenal carcinoma

67) Amyloid deposits are seen in - space of disse, intrahepatic, portal tract

68) Tabes intestinalis is found in - tuberculosis, mesenteric cyst, syphilis,

- 69) Call exner bodies are seen in - yolk sac tumour, granulosa cell tumour, theca cell tumour
- 70) Lymph node of an AIDS patient shows - aggregation of antibodies,
- 71) Malignant transformation is common in – intradermal nevus, junctional nevus, blue nevus,
- Pharmacology
- 72) Asthmatic patient with hypertension treatment - propranolol, metoprolol, timolol
- 73) Antiepileptic drug causing hyperkinesia in children - sodium valproate, phenytoin, carbamazepine
- 74) Not an antiretroviral drug - nevirapine, ganciclovir
- 75) Drug causing toxic optic retinopathy - pyrazinamide, chloroquine, ethambutol
- 76) Drug used orally for treating scabies - levamisole, ivermectin, chloroquine
- 77) Drug acting on cell wall of gram positive bacteria - gentamycin, ciprofloxacin, tetracycline, vancomycin
- 78) Patient on antitubercular treatment shows tuberculin (+)ve after 3months of treatment next step would be - a) continue treatment, b) switch to category 2 treatment,
- 79) Ergot derivatives are used in all except - uterine contraction, vasoconstrictive disorders, migraine
- 80) Which of the following is true regarding 5-HT derivatives - cyproheptadine is 5-HT_{2A} antagonist,
- 81) Which of the following is true regarding 5-HT derivatives - sumatriptan is 5-HT_{1B/1D} receptor mediated,
- 82) Dihydrofolate reductase inhibitor - alcohol, methotrexate
- 83) Drugs used in the treatment of Hodgkin's lymphoma - i) adriamycin, vincristine, dacramycin, bleomycin ii) adriamycin, vinblastin, dacramycin, bleomycin iii) adriamycin, vinblastin, dacramycin, blyocin
- 84) Dosage of Dopamine in shock - 1mg/kg, 2mg/kg, 1microgram/kg, 2microgram/kg
- 85) Following bee-sting a boy develops angioedema and dyspnea, treatment of choice - s.c.adrenaline, i.v.adrenaline, i.v.corticosteroid, antihistamine
- 86) Role of corticosteroids in asthma - causes bronchodilation, decreases mucosal oedema by suppressing inflammatory response, mast cell stabilization
- 87) Leukotriene antagonists are very useful in - exercise induced asthma, occupational asthma, atopic asthma, acute asthmatic attack
- 88) Drug causing thrombocytopenia - aspirin, ticlopidine
- 89) Which of the following drug inhibits plasminogen without causing bleeding – streptokinase, alteplase, tranexamic acid, EACA
- 90) A pregnant lady is suffering from peptic ulcer.drug that is contraindicated is - omeprazole, ranitidine, misoprostol, famotidine

91) Neuroleptic malignant syndrome is caused by – antipsychotics

92) Drug of choice in hypertensive emergency in a pregnant lady – sodium nitroprusside, hydralazine, ACE inhibitors, diuretics

ENT

93) Horner's syndrome is caused by - facial injury, nasopharyngeal carcinoma with metastasis

94) Rinne's test most useful at - 10dB, 15dB, 20dB, 25dB,

95) Cauliflower ear seen in - hematoma, carcinoma, fungal infection

96) Young's operation done in - atrophic rhinitis, vasomotor rhinitis, antrachonal polyp, allergic rhinitis

97) Abductors of vocal cord - lateral arytenoid, posterior arytenoid, cricothyroid,

[snip]) Most common cause of deafness in children less than 12yrs - CSOM, otosclerosis

Ophthalmology

99) Synchysis means- vitreous hemorrhage, vitreous detachment, liquefaction of vitreous,

100) Blue Sclera is not associated with - Marfan's syndrome, Buphthalmos, high myopia, exophthalmos

101) Most common tumor of conjunctiva - basal cell carcinoma, squamous cell carcinoma, malignant melanoma

102) Most common cause of delayed healing in corneal ulcer - concretions, inappropriate treatment, malnutrition

103) Photoretinitis is caused by - Ultraviolet rays, infrared rays

104) Treatment for dendritic ulcer - acyclovir, bandaging

105) Treatment for perforated corneal ulcer - contact lens, conjunctival flap grafting, tissue adhesive glue

106) Streaked vessels are seen in - papillitis, papilledema,

107) Not seen in papilledema - swelling of optic disc, macular fanning, tortuous veins,

108) Lisch nodules are seen in - retinoblastoma, neuroblastoma, neurofibromatosis

109) Bitemporal hemianopia seen in lesion of - optic tract, optic nerve, optic chiasma

110) Most severe form of congenital cataract - unilateral cataract, bilateral cataract, zonular cataract

111) Early sign of recurrent herpes zoster - vesicles on eyelids, punctate keratitis, follicular keratitis, dendritic ulcer

112) Laser used in LASIK surgery - krypton, excimer, argon

113) Chorioretinitis is caused by - Toxoplasma, cryptococcosis

114) Diabetic cataract is due to accumulation of - sorbitol, mannitol, glucose, fructose

115) Most common eye Pathology in Toxoplasmosis - cataract, uveitis, chorioretinitis, corneal ulcer

Forensic Medicine

116) Fracture of hyoid bone common in - hanging, strangulation, throttling, choking

117) "Coup de Soleil" means - heat stroke, heat burn, heat cramps

118) In death due to air embolism, the emboli can be located at – abdominal aorta, inferior venacava, right ventricle, circle of Willis

119) Not used for treating acute iron poisoning - Desferrioxamine, BAL

120) Cause of death in drowning - laryngospasm, vagal hyperactivity, pulmonary edema

121) Patient presented with blue line in gums, basophilic stippling. poisoning is due to - inorganic lead, organic lead, arsenic

122) Antidote for copper poisoning is – Desferrioxamine, BAL,

PSM

123) Mumps doesn't cause - encephalitis, hepatitis, orchitis, oophoritis

124) When milk is taken before meal which of the following element's absorption is decreased - iron, calcium, phosphorus

125) Sentinel surveillance is used to detect - missed cases, new cases,

126) Vitamin not present in breast milk - A, D, B, K

127) Child-Women ratio is the number of child per - 1000 women, 1000 married women, 1000 women in reproductive age, 1000 married women in reproductive age

128) The number of girls a woman would bear if she passes through her reproductive age with the same fertility rate gives - net reproductive rate, gross reproductive rate, total fertility rate, fertility rate

129) Which of the following is true regarding vaccination of a newborn with HIV - regular vaccination, only killed vaccines, both live and killed vaccines, no vaccination

130) Which of the following is advocated to a HIV +ve pregnant mother during delivery - nevirapine to both mother and newborn, zidovudine to both mother and newborn, zidovudine to both mother and newborn, nevirapine and zidovudine to both mother and newborn

131) 1st symptom of vitamin A deficiency - bitot's spots, night blindness, conjunctival xerosis, corneal ulcer

132) Infective period of chickenpox is - 1 day before and 4 days after rash, 4 days before and 1 day after rash, only when scab falls, entire incubation period

133) WHO's classification of deafness of range 56-70dB - mild, moderate, moderately severe, severe

134) Denominator while calculating secondary attack rate following a person with a primary disease is - people in his home, people in his family, all contacts of the person,

135) India is in which part of demographic scale? - early expanding stage, late expanding stage, stationary, early declining

136) Used in ante-mortem diagnosis of rabies - negri bodies in saliva, negri bodies in corneal scrapping, immunofluorescence of corneal impressions, antirabies antibodies in blood

137) Not a part of management in grade 3 dog bite infected with rabies - wash with soap and water, administration of antirabies serum and vaccination, stitch the wound with antibiotic coverage, vaccination

138) A person developed vomiting 6 hrs after consuming milk. organism responsible for this is - Bacillus cereus, Staphylococcus, Salmonella typhi

139) Human Development Index includes all except – literacy, IMR, income,

140) Sullivan's index is used to measure – number of years lived without disability, IMR,

141) Which of the following regarding Clostridium is true - Clostridium botulinum infects open wound, Clostridium perfringes infects wound contaminated with soil, Clostridium perfringes causes food poisoning

142) Standard deviation is defined as - arithmetic mean, deviation of a value on both sides of the normal value,

143) 72, 75, 79, 72, 78, 82, 72, 70, 83, 72. out of the given values mode is - 79, 72, 75, 80

144) Which of the following can be reduced by double blinding - recall bias, interviewer's bias, selection bias, berkesonian bias

Medicine

145) Common cause of subarachnoid hemorrhage - hypertension, aneurysm, rupture of bridging veins

146) Investigation of choice of subarachnoid hemorrhage - lumbar puncture, CT, angiography

147) Most useful investigation of choice in pulmonary embolism - conventional angiography, CT angiography, MRI angiography, Ventilation perfusion mismatch

148) Investigation of choice for diagnosing lung sequestration - CTangiography, angiography, X-ray PA view

149) Increased plasma concentration of calcium is seen in - rickets, osteomalacia, hyperparathyroidism

150) Alkaline phosphatase is elevated in all except - biliary cirrhosis, pregnancy, myocardial infarction,

151) Weight gain is seen in all except - insulinoma, diabetes mellitus, phaeochromocytoma

152) Not seen in cushing's syndrome - hypoglycemia,

153) Not seen in acromegaly – muscle hypertrophy, diabetes mellitus, enlarged sinus, increased heel pad thickness

- 154) Not true about congenital hypothyroidism - seen in 1:4000 live births, females more often affected than males, no signs at birth, occurs due to antibodies against thyroid peroxisomes
- 155) Preobesity is defined as BMI of - 18.5-25, 25-30, 35-40, 40-45
- 156) A lady presented with dyspnea and palpitations. on examination there was a non ejection click,next investigation is - angiography, echocardiography
- 157) Hypercalcemia is seen in - calcitonin hypersecretion, hyperparathyroidism,
- 158) Bone age corresponds to chronological age in - familial short stature, rickets, osteomalacia
- 159) An young man brought to casualty with history of hematemesis, mild splenomegaly on examination. cause of bleeding is - tumour, gastritis, oesophageal varices
- 160) Gum hyperplasia is seen in - AML, ALL, CML, CLL,
- 161) Most common cause of hyperparathyroidism - adenoma, hyperplasia, carcinoma
- 162) Renal artery stenosis is not seen in - atherosclerosis, polyarteritis nodosa, takayasu arteritis, marfan's syndrome
- 163) Most common joint involved in osteoarthritis in India - shoulder, hip, knee, ankle
- 164) Part of knee most commonly involved in osteoarthritis - medial, lateral, medial and lateral
- 165) Normal anionic gap is seen in - diarrhea, ketoacidosis, lactic acidosis,
- 166) Positive End Expiratory Pressure is useful in - COPD, ARDS, Aspirational pneumonia,
- 167) Pulsus alternans is seen in – constrictive pericarditis, LVF, RVF, pericardial effusion
- 168) Most common cause of death in a patient with chronic renal failure on dialysis - infection, respiratory failure, uraemia,
- 169) Argyll-Robertson pupil is seen in - Neurosyphilis,
- 170) CSF in Tb meningitis - i) increased glucose, decreased proteins, decreased lymphocytes ii)increased glucose, increased proteins, increased lymphocytes iii)decreased glucose, increased proteins, increased lymphocytes iv) decreased glucose, increased proteins, decreased lymphocytes
- 171) Not seen in hyponatremia - delusion, vomiting, anorexia, nausea
- 172) Sign seen in water intoxication -
- 173) Lung cavitation seen in - squamous cell carcinoma, adenocarcinoma, asbestosis, silicosis
- 174) Most common occupational malignancy - skin, lung, bladder, breast
- 175) Regarding Austin-Flint murmur,false is - functional murmur, systolic murmur, aortic regurgitation,

176) Which of the following plays an important role in the treatment of Diabetic Ketoacidosis – bicarbonate, potassium, normal saline, insulin

Surgery

177) Which of the following causes orchitis without epididymitis - TB, Gonorrhoea, Chlamydia trachomatis, Mumps

178) Drainage of venous blood from testes following varicocelectomy is through - pampiniform plexus, cremasteric vein, iliac vein, internal pudendal vein

179) Cause of dysphagia which is decreased for solids and increased for liquids - achalasia cardia, carcinoma of esophagus,

180) Carcinoma of tongue is most common in - lateral border, dorsum,

181) Not a contraindication for doing percutaneous liver biopsy - INR 1.5, hemangioma, biliary obstruction, portal hypertension

182) Cause of hematemesis in a patient with mild splenomegaly - Esophageal varices, gastritis,

183) Not a part of charcot's triad - intermittent pain, intermittent vomiting, intermittent fever, intermittent jaundice

184) Pentad of pain, fever, jaundice, confusion, shock seen in - cholecystitis, hepatitis, pancreatitis

185) Most common type of gallstone - combined, mixed, pigment, cholesterol

186) Not a complication of prostatic surgery in an elderly man - urinary retention, constipation, rupture of urethra, ejaculatory failure

187) Following urethral rupture immediate procedure to be done - rail tracking, suprapubic cystostomy, urinary catheterisation

188) Part of urethra most commonly injured following instrumentation - bulbous, prostatic, membranous

189) Not seen in 3rd degree burn - no vesicles, red colour, painful, loss of skin appendages

190) Cryoprecipitate contains - factor V, factor VIII, factor IX, factor II

191) Most common testicular tumour in 4th decade - seminoma, dermoid, teratoma,

192) Treatment for appendicular abscess - intraperitoneal drainage, extraperitoneal drainage, emergency appendectomy, observation

193) Hypochloremic alkalosis seen in - achalasia cardia, congenital hypertrophic pyloric stenosis, diarrhea

194) Most common congenital anomaly of face is - cleft lip alone, cleft lip and cleft palate, cleft palate

195) Positive Pressure Ventilation is useful in - pneumothorax, flail chest, hemothorax, hemopneumothorax

196) Which of the following plays a major role for the development of symptoms in dumping

syndrome - hypoglycemia, glucagon, CCK,

197) According to "rule of 9's" burns involving perineum are - 01%, 27%, 18%, 9%

198) Erythroplasia of queyrat occurs in - glans penis, shaft of penis, base of penis, scrotum

Obstetrics

199) Pearl index is used to calculate - abortions, accidental pregnancies, fertility rate

200) Ultrasound is done in 1st trimester for all except - to estimate gestational age, to know the position of the placenta

201) Prolonged 1st stage of labour is not due to - CPD, weak uterine contractions, rigid perineum,

202) Most common form of multiple pregnancy - monochorionic monoamniotic, monochorionic diamniotic, dichorionic diamniotic, dichorionic monoamniotic

203) Largest fetal head diameter - occipitofrontal, submentovertical, mentovertical, suboccipitobregmatic

204) The distance from the upper end of sacrum to lower border of pubis corresponds to - obstetric conjugate, diagonal conjugate, true conjugate, transverse conjugate

205) Contraindication for applying forceps - CPD, crowning of head, head station +1, maternal cardiac disease

206) Not associated with twin pregnancy - atonic uterus, antepartum hemorrhage,

207) Fetal adrenals release predominantly - cortisone, aldosterone, testosterone, oestrogen

209) Bishop's score doesn't include - cervical length, cervical consistency, station of head, position of head

210) Contraindicated during labour - oxytocin, misoprostol, mifepristone,

211) Which one of the following is true - Mariceau-Smellie-Veit technique is used to deliver the head in breech presentation,

Gynaecology

212) 18yr old girl presented with primary amenorrhea, normal breast development, absent pubic and axillary hair - testicular feminizing syndrome, turner syndrome, mullerian agenesis, premature ovarian failure

213) Not seen in anorexia nervosa - menorrhagia, weight loss,

214) Organism which grows at a pH of 4.5 - trichomonas vaginalis, candidiasis, bacterial vaginosis, gonococcus

215) A female presented with white discharge and pruritus. aetiological agent - trichomonas vaginalis, candida albicans, gardnerella, gonococci

216) Not useful for diagnosis in a female of 55yrs presenting with postmenopausal bleeding - pap smear, endometrial biopsy, transvaginal USG, postcoital test

Paediatrics

217) Prelacteal feed given is - milk, water, honey, none

218) A child of 3 yrs is able to - draw a circle, rides bicycle, writes sentences,

Orthopaedics

219) Inability to adduct the thumb due to injury to the nerve - median, ulnar, radial,

220) Carpel tunnel syndrome due to - median nerve, ulnar nerve,

221) Most commonly used muscle for grafting - plantaris, gracilis, sartorius, popliteus

222) Waddling gait due to - congenital dysplasia of hip, valgus, CTEV, bilateral valgus, bilateral varus

223) Spondylitis common in - intervertebral disc, anterior part, pars intervertebralis, annulus

224) Tumour following radiation exposure - osteosarcoma, osteoblastoma, ewing's sarcoma

225) "Bone inside Bone" seen in - osteomalacia, osteopetrosis, rickets

226) Calaneo valgus occurs due to paralysis of - gastrosoleus, gastrosoleus and tibialis posterior,

227) Most common bone involved in fracture of face - nasal, nasoethmoid, zygomatic, mandible

228) Trendelenburg sign is +ve due to - gluteum maximus, gluteus medius, psoas major, adductor magnus

Dermatology

229) Nail deformity seen in lichen planus - pterygium, subungual keratosis, oncholysis, beau's lines

230) Albinism - autosomal recessive, autosomal dominant, X-linked recessive, X-linked dominant

231) Fungus which involves hair - microsporum, epidermophyton

232) Kerion is - viral infection, fungal infection, bacterial infection, parasitic infection

233) Nerve thickening with nodules on skin is present in which stage of leprosy - borderline lepromatous, tuberculoid, intermediate, borderline tuberculoid

234) Multiple lesions are present in - borderline lepromatous, borderline, borderline tuberculoid, tuberculoid

Radiology

235) Iodine 121 preferred than Iodine 131 because - emits beta rays, emits beta and gamma rays, longer half life

236) Harmful ray is - alpha, gamma, neutron, electron

237) Most radiosensitive cell is - neutrophil, lymphocyte, megakaryocyte,

238) Ultrasound finding seen in chronic renal disease - enlarged kidneys, shrunken kidney,

239) Some technique done via – transfemoral route, transbrachial route, transradial route

Anesthesiology

240) Site for external cardiac massage - lower 1/3rd of sternum, junction of body and manubrium sterni, xiphoid process

241) Most common complication following intubation - bleeding, malposition, sore throat

242) Most common complication following bag ventilation by anesthetist - respiratory alkalosis,

243) Regarding neuromuscular blockers which of the following is true - neostigmine reverses the effect of succinylcholine, atracurium is a depolarizing agent, something about pancuronium

Psychiatry

245) Most common type of schizophrenia - paranoid, simple, catatonic, disorganized

246) The term psychoanalysis was coined by -

247) Method of breaking bad news - burst, spread, spike

248) Modern classification of Psychiatry was done by -

thanks to Dr.Kshitij Anand & Dr. Iliyas

1. Staph aureus food poisoning.
2. First symptom of alcohol poisoning
3. First sign of vit A deficiency.
4. Throttling
5. Immersion syndrome.
6. G B syndrome nerve involved.
7. Anamnestic diagnosis of rabies.
8. Parasite causing anaemia.
9. Pearl index- contraceptive failure
10. Median
11. Standard deviation
12. Borderline leprosy
13. Treatment of HIV in pregnancy .
14. Secondary attack rate.
15. Complications of chicken pox.
16. Treatment of herpes.
17. Acid base balance.
18. Smallest pelvic diameter.

1. vit deficient in breast milk
- 2.- lisch nodules
- 3.- nerve involved in carpal tunnel synd
- 4.- testicular feminizing synd

- 5- bacterial vaginosis
- 6- vaginal candidiasis
- 7- Carl Exner bodies
- 8 renal artery stenosis not associated with - Marfan's synd
- 9- blue sclera not seen in
- 10- func of sup. oblique
- 11- question on mode
- 12- kerion
- 13- ques on corneal ulcer perforation management
- 14- Trendelenburg test
- 15 - pearl index
- 16- vacc in HIV + newborn
- 17- TRIC
- 18- Most common cause of hyperparathyroidism
- 19- Complication not seen in prostate surg - constipation
- 20- Presentation of water intoxication
- 21- Not seen in hyponatremia
- 22- ques on double blinding
- 23- school health survey frequency
- 24- sentinel surveillance
- 25- Chinese letter
- 26- ques on gross repro rate
- 27- child women ratio
- 28 - prognostic factor of papillary ca thyroid

29. which does not involve hair- epidermophyton
- scabies
haemopoietic cell most resistant to radiation.
nodular goitre-
starry sky appearance.

1. m/c cause of death of a pt with chronic renal failure on dialysis
- 2.- oral drug used in scabies
- 3- why is fluoride added to blood
- 4.- Argyll Robertson pupil
- 5- question on lead poisoning
- 6- t/t of acute iron toxicity
- 7- complication not seen in measles
- 8- in which cond there is orchitis without epididymitis
- 9- which part of tongue is affected most by carcinoma
- 10- dihydrofolate reductase inhibitor
- 11- infective period of chicken pox
- 12- m/c side effect of ticlopidine
- 13- ques on ca penis
- 14- mode of infection of Clostridium perfringens
- 15- causative organism of ch meningitis
- 16- CSF picture in TB meningitis
- 17- tryptans which class of drug
- 18- at what age can a child draw a circle with pencil
- 19- what is not a related feature of twin pregnancy
- 20- ques on monozygotic twins
- 21- whitish vaginal discharge
- 22- what is used in copper poisoning - penicillamine was not in d option
- 23 dose of dopamine
- 24- drug given in bee sting with angioedema and difficulty in respiration
- 25- mode of death in immersion synd

- 26- hyoid fracture seen in
- 27- normal anion gap seen in
- 28- hypochloremic alkalosis seen in
- 29- a lady presenting with non ejection click - mvp - investigation - echo
- 30- m/c site of osteoarthritis in india
- 31- cause of cauliflower ear
- 32- bone tumour seen after radiotherapy
- 33- m/c type of schizophrenia

- 34- drugs related with psychiatric illness
- 35- ques on malignant neuroleptic synd
- 36- what prelacteal feed is given in a new born

- 37-treatment of herpes.

- 38- acid base balance.
- 39- smallest pelvic diameter
- 40- G B syndrome nerve involved
- 41- school health survey frequency
- 42- sentinel surveillance only 2-3 questions from radio
- 43- most radiosensitive lymphoid cell
- 44- 2-3 from psychiatry
- 45- schizophrenia
- 46- derma -again 2-3 mcqs
- 47- borderline leprosy.

1. Which vitamin is deficient in breast milk?

- Vitamin A
- Vitamin D
- Vitamin E
- Vitamin K

2. Fracture of hyoid bone indicative of :

- Hanging
- Suffocation
- Throttling
- choking

3. Gullian- barre most commonly involves which nerve?

- Facial nerve
- Optic nerve
- Occulomotor nerve
- Trochlear nerve

4. Some measurements of smth of 9 candidates was given as - 72, 74, 76, 72, 76, 78, 80, 73 and 72. What is the mode?

- 72
- 74
- 76
- 78

5. Smallest pelvic diameter in obstetric examination:

- Diagonal conjugate
- True conjugate

- Obstetric conjugate
- And smth else

6. Largest fetal head diameter:

- Occipitofrontal
- Suboccipitofrontal
- And smth
- And smth

7. In case of a corneal ulcer perforation, the best treatment option would be:

- Tissue adhesive glue(?)
- Flap graft from conjunctiva
- Smth
- None of the above

8. Which is true regarding vaccination for an HIV positive newborn?

- Only killed vaccines to be given
- Both live and killed vaccines
- Regular vaccination scheduled to be followed
- No vaccination to be given

9. Child women ratio is number of child per:

- 1000 women
- 1000 married women
- 1000 women in reproductive age
- 1000 married women in reproductive age

10. To confirm diagnosis of rabies on post-mortem:

- Find negri bodies in saliva
- Find negri bodies in corneal scraping
- Anti-rabies antibodies in blood(?)
- Smth I don't remember...

11.

1. adriamycin, Vincristine, dacramycin, bleomycin
2. adriamycin, vinblastin, dacramycin, bleomycin
3. adramycin, vinblastin, dacramycin, blyocin
4. ?

12. Gum hyperplasia is seen with:

1. AML
2. CML
3. ALL
4. CLL

13. Medical inspection of school children is done:

1. yearly
2. 6 monthly
3. quarterly
4. monthly

14. Measles is infective for:

1. one day before and 4 days after rash
2. four days before and one day after rash
3. entire incubation period
4. Only during scabs falling

15. Chinese letter arrangement is seen in:

1. M.leprae
2. M.T.B
3. C.diphtheria
4. C.trachomatis

16. Carriers of Herpes simplex virus is:

1. man
2. monkey
3. both
4. none

- m/c cause of death of a pt with chronic renal failure on dialysis
- oral drug used in scabies
- why is flouride added to blood
- argyll robertson pupil
- question on lead poisoning
- t/t of acute iron toxicity
- complication not seen in measles
- in which cond there is orchitis without epididymitis
- which part of tongue is affected most by carcinoma
- di hydro folate reductase inhibitor
- infective period of chicken pox
- m/c side effect of ticlodipine
- ques on ca penis
- mode of infection of clostridium perfringens
- causative organism of ch meningitis
- csf picture in tb meningitis
- tryptans which class of drug
- at what age can a child draw a circle with pencil
- what is not a related feature of twin pregnancy
- ques on monozygotic twins
- whitish vaginal discharge
- what is used in copper poisoning - penicillamine was not in d option
- dose of dopamine
- drug given in bee sting with angioedema and difficulty in respiration
- mode of death in immersion synd
- hyoid fracture seen in
- normal anion gap seen in
- hypochloremic alkalosis seen in
- a lady presenting with non ejection click - mvp - investigation - echo
- m/c site of osteoarthritis in india
- cause of cauliflower ear
- bone tumour seen after radiotherapy
- m/c type of schizophrenia
- drugs related with psychiatric illness
- ques on malignant neuroleptic synd
- what prelacteal feed is given in a new born

- treatment of herpes.
- acid base balance.
- smallest pelvic diameter
- G B syndrome nerve involved
- school health survey frequency
- sentinel surveillance

Which vitamin is deficient in breast milk?

- Vitamin A
- Vitamin D
- Vitamin E
- Vitamin K

2. Fracture of hyoid bone indicative of :

- Hanging
- Suffocation
- Throttling
- choking

3. Gullian- barre most commonly involves which nerve?

- Facial nerve
- Optic nerve
- Oculomotor nerve
- Trochlear nerve

4. Some measurements of smth of 9 candidates was given as - 72, 74, 76, 72, 76, 78, 80, 73 and 72. What is the mode?

- 72
- 74
- 76
- 78

5. Smallest pelvic diameter in obstetric examination:

- Diagonal conjugate
- True conjugate
- Obstetric conjugate
- And smth else

6. Largest fetal head diameter:

- Occipitofrontal
- Suboccipitofrontal
- And smth
- And smth

7. In case of a corneal ulcer perforation, the best treatment option would be:

- Tissue adhesive glue(?)
- Flap graft from conjunctiva
- Smth
- None of the above

8. Which is true regarding vaccination for an HIV positive newborn?

- Only killed vaccines to be given
- Both live and killed vaccines
- Regular vaccination scheduled to be followed
- No vaccination to be given

9. Child women ratio is number of child per:

- 1000 women
- 1000 married women
- 1000 women in reproductive age
- 1000 married women in reproductive age

10. To confirm diagnosis of rabies on post-mortem:

- Find negri bodies in saliva
- Find negri bodies in corneal scraping
- Anti-rabies antibodies in blood(?)
- Smth I don't remember...

1. adriamycin, Vincristine, dacramycin, bleomycin
2. adriamycin, vinblastin, dacramycin, bleomycin
3. adramycin, vinblastin, dacramycin, blyocin
4. ?

Gum hyperplasia is seen with:

1. AML
2. CML
3. ALL
4. CLL

Medical inspection of school children is done:

1. yearly
2. 6 monthly
3. quarterly
4. monthly

Measles is infective for:

1. one day before and 4 days after rash
2. four days before and one day after rash
3. entire incubation period
4. Only during scabs falling

Chinese letter arrangement is seen in:

1. M.leprae
2. M.T.B
3. C.diphtheria
4. C.trachomatis

Carriers of Herpes simplex virus is:

1. man
2. monkey
3. both
4. none

Carl-exner bodies are found in:

- Carcinoid tumors
 - Ovarian tumor
 - Endometrial tumor
 - And smth else
2. Starry sky appearance is seen in all except:
- Burkitt lymphoma
 - Non-burkitt lymphoma

- Lymphoblastic lymphoma
- And smth else

3. The number of girls born to a woman is:

- Gross reproductive rate
- Net reproductive rate
- Total fertility rate(?)
- Smth fertility rate(?)

4. The sole prognostic factor for papillary carcinoma of thyroid is:

- Size of nodule(?)
- lymph node involvement
- stage of cancer
- age of patient

where do u see 'bone in a bone' appearance?

- osteopetrosis
- osteosarcoma
- ??
- ??

1st symptom of vit A deficiency??

- bitot spots
- conjunctival xerosis
- dry eyes
- night blindness

a pregnant lady wid peptic ulcer disease, which drug SHUD NOT B GIVEN??

- omeprazole
- ranitidine
- misoprostol
- another PPI

CALL EXNER bodies are seen in??

i din even c he options and marked da correct ans. i.e. GRANULOSA CELL TUMOR

wht is not included in bishop score??

- cervical effacement
- station of baby
- position of baby
- cervical dilation

whts the most common cause of death in an END STAGE RENAL DISEASE pt. on dialysis??

- cardiovascular disease
- infection
- uremia
- ??

sum qn abt spreading bad news to the patient/or family member??

- spike sumthin
 - spread sumthin
- (cant remem da qn exactly)

in WHO classification of hearing loss, 56-70 db comes in which category??

- moderate hearing loss
- severe hearing loss
- moderate-severe hearing loss
- mild hearing loss

CAULIFLOWER EAR is seen in??

-hematoma

(this one also i confidently marked widout seeing the other options!)

min amount of conductive hearing loss detected by rinne's test is??

-15db

-25db

-5db

-10db

the most common complication of endotracheal tube intubation is?

-misplacement of the ET TUBE

-sore throat

-bleeding

-??

another qn frm anesthesia

all are true except??

- atracurium is a depolarising muscle relaxant

- neostigmine can reverse the effect of succinyl choline

-??

-??

a child can hold a pencil and draw a circle at what age?

-2yrs

-3yrs

-4yrs

-5yrs

glutathione is a....??

-dipeptide

-tripeptide

-polypeptide

-??

western blot is used for??

-dna

-rna

-proteins

-??

insulin is needed for transfer of glucose in..??

-adipose

-liver

-muscle

-RBC

1 embryo qn abt devp of urinary trigone

peptidoglycans are seen max in??

-gram positive

-gram negative

-fungi

-virus

non bile stained eggs r seen in??

- Ankylosoma duodenale
- ascaris
- trichura trichuris
- ??

Most common cause of chronic meningitis??

- blastomyces
- histoplasma capsulatum
- criptococcus
- ??

pre malignant lesions r all except??

- erythroplakia
- leucoplakia
- lichen planus
- oral candida

albinism is??

- aut dom
- aut recc
- x linked dom
- x linked recc

a qn abt character of lymph nodes in an HIV pt....

wht is the denominator of secondary attack rate??

whts the characteristic of nail in lichen planus??

- pterigium
- beu's line
- ??
- ??

which if the foll. doesnt involve the nail??

- epidermophyton
- microsporium
- trichophyton
- ??

Satellite lesions r seen in??

- boderline leprosy
- boderling lepromatous leprosy
- borderline tuberculoid leprosy
- tuberculoid leprosy

YOUNG'S OPERATION is done for??

- atrophic rhinitis
- allergic rhinitis
- asom
- ??

mechanism of action of steroids in an asthmatic pt.?

- dilation of bronchus
- act on da mucous
- ??
- ??

in right UMN lesion of bell's palsy what is involved??

- lower right face
- lower left face
- upper right face
- both upper and lower face

in burns, according to 'rule of 9', perineum burns are what percentage?

- 1%
- 9%
- 18%
- 27%

in a 55 yrs old lady with post menopausal bleeding, which is not useful for diagnosis?

- transvaginal USG
- pap smear
- tissue biopsy
- ??

an 18 yr old girl complains of primary amenorrhea, with normal breast development and no axillary or pubic hair. diagnosis??

- turners syndrome
- testicular feminization synd
- ??
- ??

in trendelenberg test which muscle is tested?

- gluteus max
- gluteus medius
- adductor magnus
- ??

most common joint affected in osteoarthritis in an elderly in india??

- hip
- knee
- shoulder
- elbow

accumulation of what causes diabetic cataract??

- mannitol
- sorbitol
- glucose
- ??

in toxoplasmosis, what's the most common eye pathology ?

- cataract
- uveitis
- ??
- ??

transection at superior colliculi level, what is seen?

- red nucleus
- red nucleus n nucleus of abducens
- red nucleus n nucleus of trochlear

- red nucleus n nucleus of occipital

blue sclera is seen in all except?

- marfans
- osteogenesis imperfecta
- ??
- ??

hageman factor involves?

- intrinsic coagulation
- extrinsic coagulation
- fibrinolysis
- none

charcot's triad includes all except??

- vomit
- jaundice
- fever
- diarrhea

horner's syndrome is caused due to??

???

a pt. has pain/fever/jaundice/shock/encephalopathy
which organ is damaged?

- liver
- pancreas
- gall bladder
- common bile duct

a qn abt varicocele, abt drainage of testicular vein into which vein after surgery??

most commn testicular tumor in a 40 yr old??

- seminoma
- teratoma
- lymphoma
- ??

a qn abt DNA structure maintainance? (not sure)

- beta pleated
- triple helix
- ??
- ??

dose of dopamine in sumthin?

- 5-10 microgram/kg
- 5-10 milligram/kg
- 1-5 micro/kg
- 1-5 milligram/kg

for a post rabies exposure category 3, wht shud not b done??

- wash wid soap and water
- stitch the wound with antibiotic coverage
- giv anti rabies vaccine
- ??

in an early expanding demographic scale what is seen?

- low birth rate, high death rate
- low birth rate, low death rate
- high br, low dr
- high br, high dr

WHO defines blindness as??

sentinel surveillance is done for??

which of the foll. is a biological radiation something...??!

- electrons
- neutrons
- alpha rays
- gamma rays

white vaginal discharge with fishy odour is seen in??

lung cavitation is seen in?

- asbestosis
- silicosis
- ??
- ??

most common occupational cancer is ??

- skin
- bladder
- breast
- lung

one anatomical question about course of the ureter in the pelvis....

sodium inhibits which enzyme?

- enolase
- ??
- ??
- ??

CPS 1 reaction of urea cycle takes place in ??

- cytosol
- mitochondria
- ??
- ?

Drugs used in Hodgkin lymphoma:

1. adriamycin, Vincristine, dacarbazine, bleomycin
2. adriamycin, vinblastin, dacarbazine, bleomycin
3. adriamycin, vinblastin, dacarbazine, blyocin
4. ?

glutathione is a....??

- dipeptide
- tripeptide
- polypeptide
- ?? Oligopeptide

Regarding third degree burns, all are true except:

- absent vesicles
- very painful
- leathery skin
- red appearance(?)

And yes about Anatomy of ureter in pelvis, which is true:

- ureter enters the pelvis at the bifurcuation of common iliac artery
- ureter crosses the uterine artery anteriorly
- smth
- smth

These two questions below were repeat from previous papers—

1. for a post rabies exposure category 3, wht shud not b done??

- wash wid soap and water
- stitch the wound with antibiotic coverage
- giv anti rabies vaccine
- give anti rabies vaccine and immunoglobulins

2. in an early expanding demograthic scale wht is seen?

- low birth rate, high death rate
- low birth rate, low death rate
- high br,low dr
- high br,high dr

a qn abt DNA structure maintainance? (not sure)

- beta pleated
- triple helix
- ??
- ??

(It was a question about the structural type of enzyme/protein that can act on the DNA)

a qn abt varicocele, abt drainage of testicular vein into which vein after surgery??

Yes

After surgery for varicocele, the testicles would drain through:

- Cremasteric veins
- iliac vessels(??)
- smth
- smth

which if the foll. doesnt involve the nail??

- epidermophyton
- microsporum
- trichophyton
- ??

Which of the following affects the hair follicle: