

# **FCPS PART 1 MEDICINE PAPER**

**16 NOVEMBER 2011**

## **MEDICINE AND ALLIED 186 QUESTIONS POOL**

# FCPS Part 1 Medicine and Allied Paper 1 and 2

1-Following is related to myxoid degeneration

a-Mitral valve prolapse

b-libman sac endocarditis

2-about azathioprine,

a-converted to active metabolite by xanthine oxidase

b-does not affect cells of bone marrow

C-fis dihydflorolate reductase

3-nerve supply of plantar surface of foot

a-superficial peroneal

b-deep peroneal

c-sural nerve

d-posterior tibial

4-which of following causes increased interstitial pressure

a-increased capillary permeability

b-increased colloid osmotic pressure

5-lesion of Right optic tract ( came 2 times in paper 2) causes

a-left homonymous hemianopia

6-which structure arches over root of right lung

a-azygous vein

b-hemiazygous vein

c-arch of aorta

d-esophagus

7-Superficial cardiac plexus in superior mediastinum is formed by

a-branches of right vagus

b-branches of left vagus

8-which antiemetic has highest bioavailability

a-ondansteron

b-cyclizine

c-droperidol

d-metoclopramide

e-porcholperazine

9-which is not bleeding profile screening test

a-PT

b-APTT

c-BT

d-CT

e-measurement of Antithrombin III

10-A person is asked to bring down fully abducted arm slowly...but when he tries, limb falls suddenly...which muscle is diseased/paerlysed?

a-deltoid

b-subscapularis

c-pectoralis major

d-teres major

11-Which antithyroid drug is safe in pregnancy?

a-propylthiouracil

b-methemazole

c-radioactive iodine

12-abscess in posterior triangle of neck operated .now patient cant comb her hair..where is lesion?

a-radial nerve

b-axillary nerve

c-accessory nerve

13-Isoniazid

a-its toxicity reduced by pyridoxine

14-middle meningeal artery is branch of

a-maxillary artery

15-Anterior and Posterior spinal arteries arise from

a-Vertebral and PICA respectively

16-initial Most sensitive test for SLE

a-ANA

17-patient with dry eye and dry mouth..most specific test

a-Anti ds DNA

b-Anti ss DNA

18-Major difference between cimetidine and ranitidine is

a-rantidine has increased gastric

b- rantidine has less cns effects than cimtedine

c- rantidine cant be given parenterally

19-9 year child suddenly died..on autopsy,coronary artery aneurysm

a-kawaski disease

# FCPS Part 1 Medicine and Allied Paper 1 and 2

20-most abundant immunoglobulin

**a-IgG**

21-IgE is found on surface of which

**a-Basophil**

**b-Eosinophil**

22-RBCs

a-are biconvex

**b-rich in glycolytic enzymes**

c-have nucleus

23-17 year old primigravida, which of following if present against Rubella is indication of termination of pregnancy

**a-IgG**

**b-IgM**

**c-IgA**

24-HbsAg negative,Anti-Hbc TOTAL reactive,Anti-HBc IgM non reactive,Anti-Hbe reactive...whats the inference?

a-Past exposure to HBV

b-immunized

c-incubation period

d-active disease

**e-Recover phase**

25-If patient is HIV seropositive , whats is best approach?

a-repeat test with other other methods

b-correlate with history

c-isolate him

d-decalre AIDS

26-9 year old girl who is terminally ill..asks u "am I gonna die"?child's parents have already told u not to inform her about diagnosis .whats best approach?

a—"don't worry. you will be fine"

b- you will die

c—"what have ur parents told u"

d-most kids survive

27-Atypical mycobacteria

a-most uncommon

b-resistant to common ATT

c-heal rapidly

d-cause only lung disease

28-heart sound produced by vibrations by filling of ventricle is

**a-1<sup>st</sup>**

**b-2<sup>nd</sup>**

**c-3<sup>rd</sup>**

**d-4<sup>th</sup>**

5-murmur

29- regarding heart sounds ,

**a-S1 is high pitch**

**b-produced by atrial kick is S3**

29-Cervical cancer is associated with

**a-HPC 16**

**b-HPV 6**

30-premalignant intra epithelial lesion of vulva

**a-pagets disease**

31-Pansystolic murmur in kid after 5 weeks of birth and cyanosis

**a-VSD**

32-When aorta and pulmonary trunk does not separate in

**a-Truncus arteriosus**

33-Atrial fibrillation

**a-pulse deficit**

**b-multiple p waves**

34-at common dose,tachycardia is effect of which drug

**a-isosorbide dinitrate**

35-which drug is not calcium channel block but given in angina is

**a-metoprolol**

36-study in which we have two groups diseased and non diseased person...we have to evaluate cause by history..type

**a-case control**

37-sample which is age based grouped...then random people taken from each group..type

**a-random sampling**

**b-stratified random sampling**

38-vitamin deficiency by avidin

**a-biotin**

39-hormone which causes synthesis of carbohydrates,proteins and fat

**a-insulin**

# FCPS Part 1 Medicine and Allied Paper 1 and 2

b-GH

40-Stress response...which hormone is not released

a-cortisol

b-insulin

c-ADH

4-GH

41-Lysosomes

a-arise from golgi apparatus

b-have catalase and hydrolase

c-have oxidase which generate H<sub>2</sub>O<sub>2</sub>

42-Epithelium of larynx

a-startified squamous

b-pseudostartified columnar ciliated

43-Which cell release extracellular fibers and amorphous substance

a-Fibroblasts

44-Which cell is not a part of epidermis

a-pacinian corpuscle

b-merkle cell

c-melanocytes

45-Which is not "BASIC TISSUE"

a-blood

b-muscle

c-nerve

d-epithelium

46-Achondroplasia (a 50 yrs man with short stature n short upper n lower limbs... with lumbar lordosis ) is

a-autosomal dominant

b-autosomal recessive

47-most common genetic diseases are

a-chmosomal

b-x-linked recessive

c-autosomal recessive

d-autosomal dominant

e-multifactorial

48-Test in cystic fibrosis .. Child has multiple episodes of respiratory infection, otitis media..family history of same disease..

a-sweat chloride test

49-Superior parathyroid

a-is at mid of posterior border of thyroid an first tracheal ring

50-Thyroid

a-moves with deglutition because its attached with prevertebral fascia

b-lymph drains to deep cervical lymph nodes

51-Vitamin A source

a-carrots

52-Patient is taking immunosupresants...now has neck rigidity, CSF has high WBC mostly lymphocytes..on microscopy, organism has halo around it..causes

a-cryptococcosis

b-toxoplasmosis

c-histoplasmosis

d-candida

53-which crosses with simple diffusion

a-Urea

b-Na

c-K

d-Glucose

54-Glucose is transported in kidney by

a-simple diffusion

b-facilitated diffusion

c-primary active transport

d-secondary active transport

55-Glucose transport across a membrane is **directly proportional to conc gradient**..type of transport is

a-simple diffusion

b-facilitated

c-active

56-Number of structural genes is

a-5000-10,000

**b-20000-25000**

57-to prevent autodigestion of pancreas, pancreatic enzymes are secreted

a-bound to protein

b-secreted in preform to be activated by trypsin

58-Corpus callosum

**a-connects 2 cerebral hemispheres**

ALL VOICES

# FCPS Part 1 Medicine and Allied Paper 1 and 2

59-Lateral wall of third ventricle

a-made by medial 2/3 of thalamus

60-In long term memory

a-structural changes in synapses

b-presynaptic potentiation

61-Baby has hemolytic disease. Blood group is B +..With which blood u will do exchange transfusion

a-B negative

b-O

c-AB

d-B+

e-any Rh + blood

62-Normal FEV1/FVC ration

a-0.6

**b-0.8**

63-Functional Residual capacity is

**a-air left at end of tidal expiration**

64-Stab above xiphisternal at 6<sup>th</sup> costal cartilage just to right, what will be damaged

a-right ventricle

b-right atrium

c-IVC

65-Rectus sheath

a-incomplete above umbilicus

b-contains superior and inferior gastric arteries

c-starts at level of arcuate line

66-What is true

a-Rectum ends at rectalfolds'

b-Upper limit of rectum is in front of 2<sup>nd</sup> coccygeal vertebra

c-anal canal is region between anus and where levator ani passes around rectum

d-inferior rectal vein drains into portal vein

67-Patient with neck rigidity, CSF protein 400mg/dl. **Glucose 40 mg**, WBC raised 400 lymphocyte..Diagnosis

**A-TBM**

b-bacterial meningitis

c-viral meningitis

d-encephalitis

68-Which is osmotic diuretic?

**a-Mannitol**

b-acetazolamide

69-EBV is associated with which CA

a-Nasopharyngeal

70-Coronary blood supply is relayed by

a-duration of diastole

2-local myocardial metabolism

71-Which one has no effect on coronary circulation?

a-Parasympathetic nerve supply

b-Heart rate

72-What is released at pain inhibitory fibers when they contact with incoming fibers

a-Substance P

b-serotonin

c-Glutamate

**d-enkaphlin**

73-What is effect of TCA antidepressant overdose?

**a-seizures**

b-HTN

74-What muscle abducts femur t hip joint?

a-gluteus maximus

**b-medius**

c-minimus

75-Effect of parasympathetic?

**a-constricts muscle in iris**

76-Visual acuity?

**a-increased by foveal cones**

77-Cardiac output increased in?

a-exercise

**b-pregnancy**

78-Pulse pressure?

**a-determined by stroke volume**

([http://en.wikipedia.org/wiki/Pulse\\_pressure](http://en.wikipedia.org/wiki/Pulse_pressure))

b-measured only in diastole

# FCPS Part 1 Medicine and Allied Paper 1 and 2

79-Regarding adrenal cortex

**a-Adrenal cortex essential for life**

b-Medulla is essential for life

80-Fight and flight response results in

**a-Decrease airway resistance**

81-Transverse fibers in pons make

**a-Superior cerebellar peduncle(CP)**

**b-Inferior CP**

**c-Middle CP (snell)**

**d-Olivary tract**

82-Spaciotropic in mid-collicular decerebrate lesion is LEAST LIKELY due to

**a-Increased activity of gamma motor neuron**

**b-increased activity of inhibitory interneuron**

**c-medullary activity**

83-B/L complete loss of all sensations below lesion occurs when there is lesion of

**a-Ipsilateral cord transection**

**b-ipsilateral Thalamus lesion**

**c-Complete Cord transection**

84-Patient has right arm,leg paralysed.Right plantar upgoing,Reflexes exaggerated..Lesion is in?

**a-Left internal capsule**

**b-Right cortex**

85-Pupils accommodate but don't react to light..Lesion is in

**a-Pretectum**

**b-edinger westfal nucleus**

86-A man from AJK had fever with chills for last 6 months.he suddenly died of cough..Ob autopsy,blood clots in peritoneum..diagnosis/

**a-malaria ?**

**b-leishmenia**

**C-sickle cell anemia**

87-a 2 year old girl presented with off and on fever..looks pale..has pancytopenia and hepatosplenomegaly ESR 80,,she has

**a-Acute lymphoblastic leukemia**

**b-gauchers**

88-Highest amount of triglyceride in

**a-chylomicron**

89-about primitive streak

**a-site of involution of epiblast to make mesoderm**

**b-formed in first week**

**c-formed in 2<sup>nd</sup> week**

90-Right brachiocephalic vein

**a-is shorter than left**

91-Chorionic villi

**a-attach chorion to endometrium**

**b-are called primary villi when they have mesodermal core**

92-In a premature child,which does not close mostly

**a-Ductus arteriosus**

**b-Foramen ovale**

93-Which does not produce hormones

**a-small cell lung CA**

**b-Teratoma**

**c-choriocarcinoma**

**d-chondrosarcoma**

**e-adenoblastoma**

94-A patient has lung abscess..develops meningitis..causes is

**a-Pneumococcus**

**b-H.Influenzae**

**c-Streptococci**

**d-staphylococcus**

95-A patient has cervical lymphadenopathy..shows granuloma..which is necessary for TB diagnosis

(2 questions)

**a-Caseous necrosis**

96-Bell's palsy..lesion is at

**a-styloglossal foramen**

**b-geniculate ganglion**

**c-before giving branch to stapedius**

97-First response to vessel injury

**a-activation of extrinsic pathway**

**b-activation of intrinsic pathway**

**c-platelet activation**

**d-vessel constriction**

# FCPS Part 1 Medicine and Allied Paper 1 and 2

98-Prostacyclin is secreted by

a-Thrombocytes

**b-Vascular endothelium**

99-Maunto test is

a-type 4 hypersensitivity reaction

100-Which is related to Type 3 hypersensitivity reaction?

**a-Arthus phenomenon**

101-Regarding MRSA, which is LEAST APPROPRIATE

a-Vancomycin is given to all contacts

b-test all contacts

c-isolate patient

d-isolate the organism

e-subtyping the organism

102-Basal cell CA is least likely related to

**a-Smoking**

b-white skin'

c-brown iris

d-Cleist phlogeny

103-Which is not premalignant Leukoplakia precursor

**a-Spices**

b-syphilis

c-spirit

d-sexual contact

e-chronic infection

104-in typhoid fever,test in first week is

**a-Blood culture**

b-Stool culture

c-Urine Culture

d-Widal

105-Lobar Pneumonia is diagnosed by

a-Blood culture

**b-Sputum culture**

106-Stony dull percussion on anterior chest indicates

**a-Fluid in pleural cavity**

107-if pleual is ruptured there is:

a-inward collapse and inward chest wall spring

**b- inward collapse and outward chest wall spring**

c- outward collapse and outward chest wall spring

d- outward collapse and inward chest wall spring

108-Lymph is filtered in

**a-Lymph nodes**

b-spleen

c-thymus

109-Which area has least metastasis

a-liver

b-lung

c-brain

d-lymph node

**e-spleen**

110-Cells in thymus which have least affinity for MHC class 1 develop into

a-delta cell

b-T helper 1 cell

c-T helper 2 cell'

d-NK cell

111-Which is pronounced in Penicillin Anaphylaxis

a-Bronchospasm

b-fever

c-generalized skin rash

112-Enzyme is serotonin,epinephrine metabolism....??/

a-MAO

b-COMT

c-dopamine hydroxylase

113-Regarding type 1 hypersensitivity,

**a-Rheumatoid arthritis is not type 1**

114-A person died of CA colon..autopsy showed thousands polyps..his father died of same disease..polyps are which type

**a-Adenomatous**

115-Ionizing radiation injury??/

**A-FREE radical**

116-Fluid which has 0.5 GRAM/dl protein is

a-Saliva

b-Lacrimal fluid

**c-Lymph**

d-CSF

# FCPS Part 1 Medicine and Allied Paper 1 and 2

117- A female jaundice, ALT 17, Alk phos 75, Retics 10...Cause of jaundice is

**a-Hemolytic anemia**

118-patient died of CRF ..which tissue will be seen Hypertrophied on autopsy?

**a-Parathyroid**

119-A 59 year female known hypertensive taking medications presented to emergency in unconscious state..Serum Potassium is 5..Diagnosis?

**a-ARF**

**b-CRF**

120-In the presence of ADH,in which segment filtrate will be isotonic to plasma

**a-Ascending loop of henle**

**b- Descending loop of henle**

**c-Cortical Collecting duct**

**d-Medullary Collecting duct**

**e-Renal pelvis**

121-Which is not character of MALIGNANT tissues?

**a-Fibrous reaction around tumor**

**b-increased Nuclear to cytoplasmic ratio**

**c-Abnormal mitosis**

**d-Anaplasia**

122-Hormone which is abundant in Fetus but in adults level increase with advancement of CA Colon is

**a-HCG**

**b-CEA**

**c-Alpha Fetoprotein**

123-Left adrenal vein drains into

**a-Left renal vein**

124-Which is not related to anterior relation of right kidney?

**a-ascending colon**

**b-descending colon**

**c-liver**

125-Small intestine brush border DOES NOT play role in digestion by one of following reaction

**a-Protects epithelium**

**b-secretes enzymes**

**c-facilitates transports**

**d-increases surface area**

**e-increases movement of intestine**

126-Following does not affect Volume of distribution

**a-age**

**b-sex**

127-In elderly male

**a-There is decreased elasticity of Myocardium**

**b-diastolic hypotension**

**c-Systolic hypotension**

128-Aldosterone

**a-causes its effect by increasing Potassium permeability**

129-Thirst is stimulated by

**1-Extracellular dehydration**

**b-Intracellular dehydration**

130-Aldosterone is increased in response to

**a-decreased volume**

**b-taking ACE inhibitor**

**c-corticosterone**

131-Blood flow to muscle is increased by

**a-Norepinephrine**

**b-guanthidine**

132-Decreased extracellular Calcium

**a-reduced reuptake of transmitter**

**b-Reduced release of neurotransmitter from presynaptic vesicle**

133-Increased Serum Ca does not cause

**a-Nerve hyper excitability**

134-Magnesium is stored in

**a-Bones**

**b-muscles**

135-Hyperparathyroidism does not cause

**a-Demineralization of bone**

**b-kidney stone**

136-when mean arterial pressure reduces from 100 to 85, one of following DOES NOT OCCUR

**a-muscle blood flow decreases in 20 min**

**b-GFR is maintained**

**c-CNS ischemic reaction occurs**

137-CSF

# FCPS Part 1 Medicine and Allied Paper 1 and 2

a-has cushioning effect

138-patient has chest pain..ST elevation in V1.2.3.,4..

**a-Anteroseptal MI**

b-anterolateral

139-Most specific cardiac marker

a-troponin

b-ck mb

c-myoglobin

d-ldh

140-A girl in PT grade has developed dyspnea...few months back she had sour throat...now what best test to start

**a-ASO titre**

b-Blood culture

141-Which is NOT necessary for liver to be declared chronic diseased?

**a-Acute inflammation**

b-loss of total liver architecture

c-Fibrosis

d-disruption of portal blood flow

e-regernearting nodules

142-Female has jaundice,hepatosplenomegaly,Xanthomas...what test will be Confirmatory?

**a-Anti mitochondrial antibody**

b-ALT

c-AST

d-CT scan abdomen

e-USG abdomen

143-A quack has given drug to patient after which he developd jaundice..test

**a-Alanine transaminase**

b-aspartate transaminase

144-Female patient cough,hemoptysis,..Renal biopsy shows flat Ig A deposit

**a-Goodpasture**

b-FSGS

(IgA Nephropathy was not in option)

145-Hyponatremia develops in

a-CHF

**b-SIADH**

146-Aldosterone acts by

a-Gene activation

b-c AMP

c-IP3

147-patient has skin pigmentation at elbows and exposed parts..BP 90/60,K is 2.5..dioagnosis

**a-addison**

b-cushings

148- Which drug to give in diabetic gastropathy?

**a-mtoclopramide**

b-domperidone

149-patient breathing deep,resp rate 6/mi..which drug poisoning?

**a-morphine**

b-pethidine

c-nalbuphine

d-pheobarbitone

150-pateint had retrosternal pain..biopsy from esophagus showed columnar epithelium..its called

**a-barrets esophagus**

b-esophagitis

c-

151-a patient is having Glycosuria..blood glucose is 100..dioagnosis

a-Diabetes

b-proximal tubule no reabsorbing glucose

c-LOW renal threshold

152-Manoux test negative in TB patient...causes

**a-taking immunosuppressants**

153-artery which crosses third part of duodenum

**a-superior mesenteric**

b-inferior mesenteric

c-left colic

154-Achalsia cardia

**a-decreased ganglion calls of vagus in muscle**

b-increased number of neurons

c-occurs only at pharyngoesophagus jusction

155-basal rhythm of small inetsine

a-correlatd with stomach

b-decread when mechanical motity starts

c-variable affectd by hormons

# FCPS Part 1 Medicine and Allied Paper 1 and 2

d-constant in duodenum variable elsewhere

156-If vagotomy done

a-Gastric acid seretin increases

b-Gastric pepsin increases

c-Gasric emptying decreases

157-patient no 6,dysphagia..cause

a-iron deficiency anemia

b-vitamin b12 deficiency

158-Regarding platlets

a-formd by fragmentation of megakaryocytes in bone marrow

**159-What is not true regarding von Wilibrand disease?**

a-autosomal dominat

**b-autosomal recessive**

c-some family member have normal factor 9

d- some family member have decreased factor 9

e-genetic inheritance

160-patient has pancytopenia..test to do (detail needed)

**a-bone mwrow biopsy**

161-Anticoagulation is contraindicated in

**a-Thrombocytopenia**

b-Hypertension

c-Cedrebral infarction

162-Trunk muscle supplied by

**a-posterios primary ramus**

b-posterior cutaneous nerve

163-What is fast neuron?

**a-A alpha**

b-A beta

C-A delta

d-C fiber

164-Person naked in room ..tempertutre 21 degree centigrade..humidity 80..loss of heat by

a-insensicble perspiration

b-sweating

**c-conduction and radiation**

d-urination

165-Afluent Aphasia is lsion of (2 questions?)

**a-Broca area**

166-Left shift of oxygen curve

**a-haldane effect**

b-bohr effect

167-Anterior Inferior cerebellar artery is branch

**a-basillar**

168--Mandible joins midline

**a-sympthesis**

b-symdesmosis

169-Least mpvable joint

**a-sympthesis**

b-ball and socket

c-Saddle

170-Neuron in olfactory

**a bipolar**

b-sustentaticualr

c-brush border

**171-IN CHRONIC RESPIRATORY ACIDOSIS, HOW MUCH HCO<sub>3</sub> RISE OCCURS FOR 10 MMHG OF PO<sub>2</sub> ?**

a-1 mEq

**b-3 mEq**

c-7 mew

d-10meq

e-15 meq

**172,173,174 (2 QUESTIONS REPEATED ABOVE)**

**175-LYMPHATIC DRAINGAGE OF LOWER LIP**

**a-submental & submandibular**

a-submental and suraclaveicular-

**176-Which cell produces Histamines**

a) Fibroblast

b) Mast cells

c) Lymphocytes

e) Neutrophil

177-.lesion of optic chiasm due to pituitary tumour  
a.causes bitemporal hemianopia.

**178- Regarding growth Hormone**

a.its polypeptide

b. initiate growth of bone n cartilage by sometomedin

c. half life is 20 to 60 min in circulation

# FCPS Part 1 Medicine and Allied Paper 1 and 2

179-.na is absorbed along basolateral membrane by?

- a. na k pump
- b. na glucose cotransport

180- amino acids are absorbed from kidney to blood by

- a. primary active transport
- b. simple diffusion

181-carcinoma is not related to:

- Iron deficiency
- Iodine deficiency

182-clinically central cyanosis occur when hb becm

more than

1 g/dl., 5 g/dl., 3 g/ dl

183-Spinal cord has

a-31 vertebrae

b-7 cervical vertebrae

184-Best approach to patient

a-start with open ended questions

b-start with closed ended questions

c-start by asking presenting complaint

d-start by asking his name,age

185-Plasma osmolality increases with

a-0.9 % Nacl

b-isotonic glucose

...does not remember correct option correctly

186-Which drug used in Subarachnoid hemorrhage?

a-Nimodipine

187-

188-

189-

190-

191-

192-

193

194-

195-

196-

197-

198-

199-

200-

ALLVOICES

Pakistan Islamic Medical Association  
<http://www.pima.org.pk>