16 &17 April 2015 paper

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[Aortic Arch](https://www.facebook.com/achi.pari.925), Rabia Arain,

16th April 2015 Medicine  
...  
Q1- FRC means....??  
-Volume of air left at the end of tidal vol ?  
-residual vol?  
-can b measured by spirometery  
-is the sum of all lung volumes

Q2-  
Falciparum causes..  
-black water fever  
-jaundice  
-DIC

Q3-  
At high altitude, O2 is shifted by

-shift of o2hb curve to right  
-hypocapnea  
-inc pH  
-dec temp

Q4-  
Person is A+, most likely transfusion reaction will occur due to?  
A. A- group  
B. O+  
C. AB-  
D.o-

Q5  
6 yr child, rhinitis , eczema etc etc  
What's the process??

A. Type 1 hyper sensitivity  
B. Type 2  
C. Type 3  
D. Type 4

Q6  
The blood level of wc of the following drugs is monitored usually after administration??

A. Cloxacillin  
B. Penicillin   
C. Vancomycin  
D. CiprofloxAcin

Q7  
Doc for Neisseria Meningitidis ?  
A. Penicillin G  
B. Cloxacillin  
C. Ampicillin

Q8  
Anticoagulantion e heparin is C/I in patients e?  
A. Hypertension  
B. Thrombocytopenia

Q9  
Which on has highest bioavailibilty ??  
A. Ondansetron  
B. Metoclopramide

Q10  
In a pt of asthma and IHD, which drug should b used to control bp during an operation?  
A. Iv NGN  
B. IV SODIUM NITROPROSIDE  
C. Iv HYDRALAZINE

Q11-  
A female pt in a remote area gave birth to child, after 10 hrs her gums start bleeding, she was brought to Hosp in a critical cond, investigations show dec platelets , dec hb, raised tlc, pt 30 sec. It is most probably ???

A. Sepsis  
B. DIC  
C. ENDOtoxic shock  
D. Hypotension

Q12-  
Patients whose small gut is resected due to any disease, they present e "hyperoxaluria". The cause of this cond is...?

A. Dec blood calcium to form calcium oxalate

B. There is increaed calcium abs from gut

C. There is increased phosphate in blood

Q13-  
The end product of purine metabolism in humans, which is excreted in urine is ??

A. Uric acid  
B. Xanthine  
C. Oxalate

1.Amanorrhea in lactating women is due to  
Prolactin  
Estrogen  
Progestrone  
Gnrh antagonist  
2.side effect of cemitidine  
Inhibition of p45o  
Agranulocytosis  
Anti estrogen  
3.aminophylline matabolism is inhibited when used with  
1.cemitidinne  
2.adnosine  
Othr option dnt remember  
Membrane hyperpolarization is  
K effulx  
Cl infux  
Na   
Na k atps  
4..adverse effect of cortico steride in dm.  
Infctn  
Bleeding  
Imblnce suger levl  
5..internl capsul lies medial to  
Caudate  
Red nucleus  
Othe dnt remember  
6.steriode harmone act by  
Increse CAMP  
Cyckic gmp  
Nucler transcriptn   
7.iitching is carried by  
C fibrs  
Fibrs  
Dorsal colm   
Othr dnt remembr  
8.memory n alertness is cntrl by which nuclus of thalamus  
9.smthng else vas also asked abt limbic systm n thalams.  
10.paractmol over dose anti dot?

stress hormone.... Cortisole ' catacholamins

Micro 3 questions on t.b ek me characteristic and ek me diagnostic point,or ek me constructive pericarditis after t.b

Single crease...down syndrome  
Phrenic nerve relation to....digestric ..

Sternocledomestoid ..scleneius anterior Golgi tendon organ measure tension of muscle

Golgi tendon ...relaxation

Transverse ancission supra pubic structure injured... Inf epigestric

Cardiogenic shock maintend by  
Dopamine  
Adrenaline

Urinary bladder innervation  
Anterior division of internal illaic artery.

Vagina supplied by   
Vaginal and uterine artery.

long pre-erythrocyte phase occur in  
P.vivax  
P.ovale  
P.malariae  
P.falciparum

cervical dysplasia caused by  
HSP 2   
Multiparity  
IUCD

Melanocyte origin from   
Epidermis   
Dermis  
Neural crest

diarrhea main options were Hyerkalemia alkalosis hypernatremia n hyponatremia n i thought most probable is hypo natremia

clonidine is an alpha blocker n baki sabbb option main Ca channel blockers thay  
Data .. 2 grps .. Vominting and non vomiting .., nominal data ...  
Thirst stimulated by ... Inc plasma osmolarity ?

Structure at the end of 5th week .. Limb buds appear ?  
2% bupicaine .. In 4ml .. 0.08 ?

In 100ml = 2 mg  
In 1ml = 0.02   
In 4 ml = 0.02 \* 4 = 0.08

CHO diet ... Is vit B1 ( thiamine ) was in option ?

In diarrhea there is hypernatremia or normal sodium .. Hypokalemia .. Normal anion gap ... Metabolic acidosi

1.Cardgenic shock is due to?? Post MI  
2.Neurogenic shock due to?? Dec vasomotor tone  
3.two percentage given…on which data will b plotted? Pie chart  
4.One group of individual with vomiting one without??type of Data??  
5.14 weeks pregnant ladt after fracture? Fat embolism  
6 n 7. Two questions of amniotic fluid embolism?  
8.Cardiogenic shock 1st drug? Dopamine  
9.hypophysectomy n ovulation induction?? HMG n Hcg  
10.uterine prolapse? Metaplasia n chronic cervicitis  
11.GB pain to shoulder? C3,4,5  
12.Pudendal nerve root value?  
13.Thirst stimulated by??  
14.Child with diarrhea? Dec sodium  
15.Increase in GFR? Afferent arteriolar dilatation  
16.Renin inhibited by? Angiotensin 2  
17.person taking increase carbohydrate which vitamin should be supplemented?  
18.Fetal head at 0 station..landmark?ischial spines  
19.urogenital sinus divided by ? PMN ducts  
20.Labia majora counter part?   
21.Mullerian tubercle related to?  
22.fetal hydrocephalic head at -2 station ?from where CSF is drained?  
23.structure in definitive form at the end of 5th week?  
24.HIV association? Invasive Ca cervix  
25.pt in Hyderabad..camping n sleeping on floor..fever lymphadenopathy.history of tick bite?  
26.Glucagon  
27.Stress hormone? Cortisol  
28.ACTH increased?HTN Hirsutism??  
29.Achondroplasia? Autosomal dominant  
30.Down Syndrome? Trisomy 21  
31.fisher man..dec intake of veggies? Folate def  
32.pregnant female..no veggies? Anencephaly  
33.Growth hormone?  
34.Thyroxine?  
35.adult female breast atrophy?  
36.Estrogen? Dec osteoclastic activity  
37.Dead space decreased? Tracheostomy  
38.Thyroid isthmus? 2 3 4 tracheal ring   
39.Hyoid bone location?  
40.corticospinal decussation?  
41.pre central gyrus left cerebral cortex damage?  
42.Inguinal ligament  
43.artery incised in suprapubic incision? Inferior epigastric  
44.Muscles of Back supply? Dorsal spinal rami  
45.Anterior spinal nerve as well as cutaneous branches?T1  
46.Corticosteroid dec? lymphocytes  
47.Incised wound healing?factor aiding? Sutures  
48.15 yr boy with megaloblastic anemia?? Which investigation?  
49.55 yr women with megaloblastic anemia?cause  
50.Mg abundant in? bones  
51. Artery supply to bones?/  
52.IUCD in place?? Cervical metaplasia??  
53.Cervical dysplasia??  
54.pt treated for TB pericarditis.now dies suddenly.autopsy shows blood in pericardium?  
55.Renal cause of edema?  
56.pt have sensory loss on foot n ulcer? Neuropathy n Angiopathy  
57.Pt treated fr MI 10 years back.now developed edema?cause??  
58.12 yr old girl.multiple episodes of staph abcesses n Klebsiella attack?girl deficient in?  
59.cause of sexually tramitted infections?  
60.Radiation exposure injury mechanism? Free radicals  
61.No of barr body in Klinefelters? 2??  
62.no inc of GH in pregnancy due to ? placental somatotropin  
63.Glucose transfer in placenta??  
64.Oxygen transfer from placenta?  
65.Thalasemia major in pak? 5%  
66.Relation of left renal vein with aorta?  
67.Parasympathetic stimulation? Intestinal sphincter relax  
68.micturation reflex?  
69.sympathetic stimulation??pupil affected  
70.Alpha blocker? Clonidine  
71.beta blocker?hypoglycemia  
72.not a calcium blocker?enalapril  
73.prolactin inhibition? Dopamine  
74.during lactation?prolactin inhibit GnRH  
75.milk ejection? Oxytocin  
76.carbidopa+levodopa?dec peripheral conversion  
77.Carotid bodies?baroreceptors  
78.Chemoreceptors respond to? Dec PCO2  
79.Calcitonin tumor marker in malignancy??Thyroid  
80.Menopause?dec response from ovary  
81.Left shift: hypothermia  
82.Left shift:CO poisoning  
83.Difference in RBCS in veins??  
84.largest cross sectional area?capillaries  
85.Hyaline cartilage: meniscus  
86.Christmas Disease?Factor 9 def  
87.Anal triangle drainage??lateral horizontal inguinal??  
88.Labia majora drainage? Sup inguinal   
89.Middle rectal?Internal Iliac  
90.Uterus is supplied by?uterine n ovarian a  
91.Factor 8 def given? Cryoprecipitate  
92.half life of dopamine? 2 mins  
93.how much 2% bupivacaine in a vial of 4 ml?  
94.Bupivacaine?  
95.Confidence interval can b found out by? Standard error of mean  
96.Defination of mean?  
97.Pt with some ingestion of drug.NaHCO3 given?drug? Phenobarbitone  
98.costochondral surface of heart? Left ventricle  
99.Posterior third of ventricular septal supply? RCA  
100.Pregnant pt shield used during which test? Xray  
Biochemical  
Which step iz same in glycolysis and gluconeogenusis

Correlation is said perfect when r iz  
+1  
-1  
0

Staph aureus and aspergillus ka recurrent infection ha,what iz cause  
Ig\_A deficiency  
Nadph deficiency   
Or option don't remember

Calcitonin secreted by   
Thyroid   
Parathyroid

Scarlet fever ka toxin

IgA % age  
Thalasemia percentage

Part of brain receive excitatory input from brain but does not send back axon  
Ventroanterior thalmus nucleus  
VLT   
S.nigra   
Globus palidus  
Caudate

Carduogenic shock caused by  
Burn  
Haemorrage  
Hypovolemia  
Gram-ve sepsis

1.spleen sequestration of Rbcs n old Rbcs phagocytosis in which part...   
Red pulp sinusoids n marginal sinusoids  
2. Carotid bodies.. 2 qs  
Respond to change of pco2  
Baroreceptors  
3.plasma cells 70%  
4.thalasemia 15%  
5. Bronchi pulmonary segmnt  
6.vagina.post fornix  
7.vagina..posteriorly rectovaginal fascia   
8.epiploic foramen.. Post aorta  
Sup. Caudal lobe   
Rt. Gastrosplenic ligament   
9.bladder control.. S234  
10.micturition reflex  
Mechanoreceptora in wall  
Inhibition of reflex by center located in pons

Which step iz same in glycolysis and gluconeogenusis

In sever diarrhea what happen  
Alkalisis instead of acidosis  
Increase body potassium   
Decreased sodiym  
One question from bupivacaine

Rabia ali micro mcq no 100 exact statement,

BEST OF LUCK