

لجان الدفعات – كلية الطب / الجامعة الأردنية
خدمة الطلاب .. طاعة نتقرب بها إلى الله



أسئلة فيسيولوجي -2013

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لجنة دفتكم -2012

- 1) all of the following done by subcortical level except : speech & language
- 2) what we give to cerebral trauma case is : 9 NaCl
- 3) which of the following doesn't cause EC edema : increase interstitial hydrostatic pre.
- 4) hypo-osmotic dehydration caused by : Aldosterone disefficiency
- 5) Ach act as inhibitor in : the heart
- 6) hypoalbonimea caused : EC edema
- 7) Intracellular edema caused by : all of these
- 8) pons sluffnes mylination caused by abruptly treatment of : chronic hyponatrimea
- 9) Q about (iso/hypo/hyper)tonic effect on the fluid compartment
- 10) non addictive behavior : facilation
- 11) sleep deprivation ... except : caused by increasing in serotonin

- 12) mismatch ... : serotonin in the brain >>> movement
- 13) circuit important to ANS : reverberating circuit
- 14) dopamine... : parkinson & schizophrenia
- 15) botox benefits ... except : upper limb weakness
- 16) myasthenia gravis treated (hypothetically) by : fast opening of Na channels
- 17) G-protein in neuron ... : structural affect (long term memory)
- 18) each of these attach NMDA glutamate receptor except : GABA
- 19) Q GABA (alpha - beta) : alcohol or valium(diazepam)
- 20) ligand gated channel in motor end plate : Na+
- 21) graded action potential ... except : pain receptor
- 22) incorrect statement : major synapse in the brain is electrical synapse
- 23) all causes coma except : L-Dopa
- 24) incorrect statement : axonal loss causes demyelination
- 25) EPSP ... CORRECT STATEMENT : all of these

- 26) incorrect statement : erb-duchenne palsy >>> breech presentation
- 27) incorrect linkage between channel and function : voltage - graded
- 28) correct statement about refractory period : more than one
- 30) correct statement : repolarization is caused by K channels ((or stimulating motor nerve >>> bidirectional))
- 31) enhance dopamine : amphetamine
- 32) nerve stimulation can be caused by : all of these
- 33) arrhythmia treated by : lidocaine
- 34) convulsion abnormality in biochemistry : GABA ((not sure))
- 35) not in conduction system : eshe ... myofibrels
- 36) increase in atropin cause : tachycardia
- 37) phospholipase C activation leads to : increase in IP3
- 38) tyrosine kinase ... : intracellular enzyme
- 39) NT ... releasing in high amount will lead to neurotoxicity :
Glutamate

- 40) Calmodulin ... except : attach to maximum 3 Ca ions
- 41) C-AMP activates : protein kinase A
- 42) the condition that downgration caused by : ((receptor decrease or hormone increase))
- 43) lipid substances diffuse through the membrane : simple diffusion
- 44) hydrophilic hormone : plasma membrane receptor
- 45) paracrine : affect near by cells
- 46) shortest distance (hormone affect) : autocrine
- 47) incorrect statement in the brain : 20% cardiac output
- 48) incorrect statement about axons : large diameter >>> slow conduction
- 49) Ach works as an inhibitor in which of the following? Answer: heart
- 50) Neurotoxic if it increase ? Answer : Nitric Oxide
- 51) which solution should be given to a patient with cortical edema : " 9% NaCl"

52) Atropin overdose causes : increased heart rate (tachycardia)

53) Which is correct about EPSP from a single neuron : can be
Temporally summated with another one

54) which of the following dont cause convulsion : deficiency of
vitamin b12

55) which we use to treat arrhythmia ?? Lidocine

56) which one is wrong about giving these solutions to
Extracellular fluid

10% of glucose >> decrease the extracellular volume *(right
answer)

5 % glucose >> no effect on

0.9% NaCl >> increase volume extra and intra cellular

9% NaCl >> increase osmolarity extra and intracellular

57) A muscle relaxant cause change

A) decrease acetylcholine esterase

B) increase Ca influx

C) acetylcholine agonist

D) change potential from -70 to -90 *(right answer)

58)one of these dont cause coma

1-acidosis

2-hypoxia

3-stock

4-hypoglaycemia

5-l-dopa *(right answer)

نعمل لفكرة

