



# Physiology Past Papers

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*Med Committee -2012*

2012

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**\* كان الامتحان من 40 علامة في 40 سؤال**  
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NUM	Question	choices
1.	The cortical level is responsible for :	a- movement b-equilibrium c- speech and language
2.	In 70kg person , the wrong is :	a- his brain weight 1.4 kg b- the brain contribute for 20% of body resting metabolism c- the brain receive 20% of cardiac output d- brain receive 20% of total blood oxygen e-brain receive 25% of total glucose utilization
3.	If a patient suffer from arrhythiss we should give him :	a-botox b-neostigimine c-lidocane
4.	The NT that alter the mode is :	a- noreepinerphrine b- dopamine c-serotonin d-glutamate
5.	The wrong stamen about Ach :	a- don't alter the mode b- alter the mode
6.	What is The conductive velocity for a nerve if the distance is 25cm and the time it take to cross the fist distance is 1.5 and the second distance is 6.5 ?	a- 50 b-0.5 c-0.005 d-0.16
7.	The wrong stamen about graded potential is :	a- less duration than AP b-it's local c- capable for summation
8.	Which of the following cause	a- increase in ACH

	myasthenia ?	b- decrease in ACH c- increase in Ca <sup>++</sup>
9.	Wrong about Schizophrenia :	a- decrease in dopamine b- increase in dopamine c- can only be detected by dreaming
10.	Which of the following is not controlled by parasympathetic :	a-GI system b-heart rate c-gland secretion d- vesicular tone
11.	what's wrong about injury for radial nerve :	a- if the injury was in the axilla , the loss of the conductance will be 60% b-if there was loss of sensation , that means some of shwan cells were damaged
12.	cholesterol enters the cell by:	A -simple diffusion B- 1-ry active transport C - 2dry active transport -Dfacilitated diffusion E –endocytosis
13.	muscranicreceptoters activate by :	a- ACH b – dopamnine c- glutamate
14.	Benzodiazepines :	a-increase Na <sup>+</sup> influx b-inhibit Na <sup>+</sup> leakage c- induce IPSP
15.	what is the highest electrical driving force force for Cl:-	a-hyperpolarization b -Resting Membrane potential c- overshoot d -depolarization
16.	What's a wrong match?	cons, rods<--- Action potential
17.	oxidative phosphoralytion take place in :	Mitochondria
18.	What's wrong about acetyl choline:	a-in skeletal muscles it causes contraction b -in heart it causes relaxation (notice: smooth muscles and parasympathetic( c -it affects mood
19.	What enters the cell by vesicular transport	a-large peptides b -triglyceride c-ions

Num	Answer
1	C
2	C
3	C
4	C
5	B
6	A
7	A
8	B ( not sure )
9	A
10	D
11	B
12	A
13	A
14	C
15	C
16	
17	
18	C
19	A



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