

CNS-2 Final, 2012

answers MAY NOT be correct ☹

Clinical

- 1- unnecessary test ---- EEG
- 2-not pain sensitive >> brain parynchema
- 3-a woman on oral contarceptive with repeated seizures & headache most propable cause is >> venous thrombi " not sure "
- 4-the most common type of headache is >> tension headache " maybe"
- 5- is used in physical examination of head intracranial pressure >> fundpscopy

Physiology

- 1- Question about a 65 year old patient with Weber's test revealing hearing near the right ear is more than hearing at mastoid,, with localization to the right ear answer is Wax filling the acoustic canal
- 2- doesnt activate a 2nd messenger >> sour
- 3- the only sensory pathway that doesnt pass through the thalamus >> the lat "old" pathway
- 4- Hyposmia is caused by all of the following except > seizures
- 5- False statement → the stapes increases the force of the vibration 15 times.
- 6- one of the following only is a conduction defect:
-> osteosclerosis (otosclerosis)

Anatomy

- 7- Wrong about Atonia and hypertonia of the bladder > both causes destintion of the bladder
- 8- All of the following manifest Horner syndrome except > deviation of the eye outward downward
- 9- One can't close his right eye and can't move his right eye to the right , the injury is most probably in > dorsal pons (? not sure)
- 10- the fiber needs to move muscles of mastication, facial expressions, and swallowing (pharynix, larynx, esophagus) is >>>
SVE only
- 11- wrong >>> sterognosis is a protpathic sensations

- 12- wrong >>> infranuclear unilateral vagus nerve injury result in deviation of uvula to side of lesion

Patho

- 1- Wrong >> contusions r more common the depth of the cortex than in the crest of gyri
- 2- Wrong >> subdural hematoma is rare in infants
- 3- motor neuron disease --- wrong statement: familial is more common than sporadic.
- 4- Wrong combination : pilocystic astrocytoma in the hypothalamus
- 5- All present in grade III astrocytoma except : necrosis & microvascular proliferation
- 6- Antoni A , antoni B and verocay bodies are related to >> schwannoma
- 7- Wrong >> plexiform neurofibromas have low malignant transformation potential
- 8- Wrong >> a small post fossa in dany walker malformation
- 9- Wrong >> a small post fossa in dany walker malformation
- 10- Wrong >> the large neurons are the most commonly lost in Huntington disease
- 11- Wrong >> the "majority " of pts with unilat visual impairment will develop the full blown ms
- 12- Wrong >> wernik encephalopathy is the chronic form of thiamine deficiency
- 13- Wrong >> pilocystic astrocytoma of the optic nerve is in tuberous sclerosis
- 14- korsakoff is reversible wernickes is not
- 15- wrong >>> necrotic muscle fibers is the histologic feature to distinguish dystrophy from myopathy
- 16- wrong>>> diffuse plaques have neeuroses (dystrophic neurites) around a center of amyloid core

Pharma

- 1- Wrong combination: Entacapone with hepatotoxicity
- 2- Neurotoxic to SERT & DAT --- Ecstasy MDMA
- 3- all can be applied as local anesthetics except >>> injection in the major nerve trunk "i guess"
- 4- All can stop progression of Parkinsonism except : Entocapone
- 5- wrong about antidepressants >> small volume of distribution
- 6- Not caused by anti-psychotics : Emesis
Not followed by Extrapiramidal Syndrome ----- Olanzapine (not sure)
- 7- the one that does not act on the mesolimbic dopaminergic system ---- LSD
- 8- The most sedative Antidepressant ----- Not sure i answered fluoxetine but have no idea :/
- 9- its clomipramine.. a TCA with antihistaminic effect (sedation)
- 10- wrong about sedative-hypnotics doesn't affect learning function
- 11- replaced Amphetamines in ADHD ---- modafinil
- 12- True about phenytoin and carbamazepine : they both induce metabolism of other drugs
- 13- Wrong combination: NO and intracranial pressure
- 14- Incorrect statement about glaucoma : Prostaglandins decrease the production of humerous fluid.
- 15- Auditory , visual and tactile hallucinations + Generalized seizures are associated with alcohol abuse
- 16- The antipsychotic drug blocking 5 HT receptors is quetiapine

- 17- Tolerance in relation to opioids could occur to all of the following except: meiosis
18- All of the following drugs are used to treat absence seiures except : Gabapentin
19- Incorrect adverse effect: Ethosuximide causes ataxia

****وَمَا تَوْفِيقِي إِلَّا بِاللَّهِ عَلَيْهِ تَوَكَّلْتُ وَإِلَيْهِ أُنِيبُ****