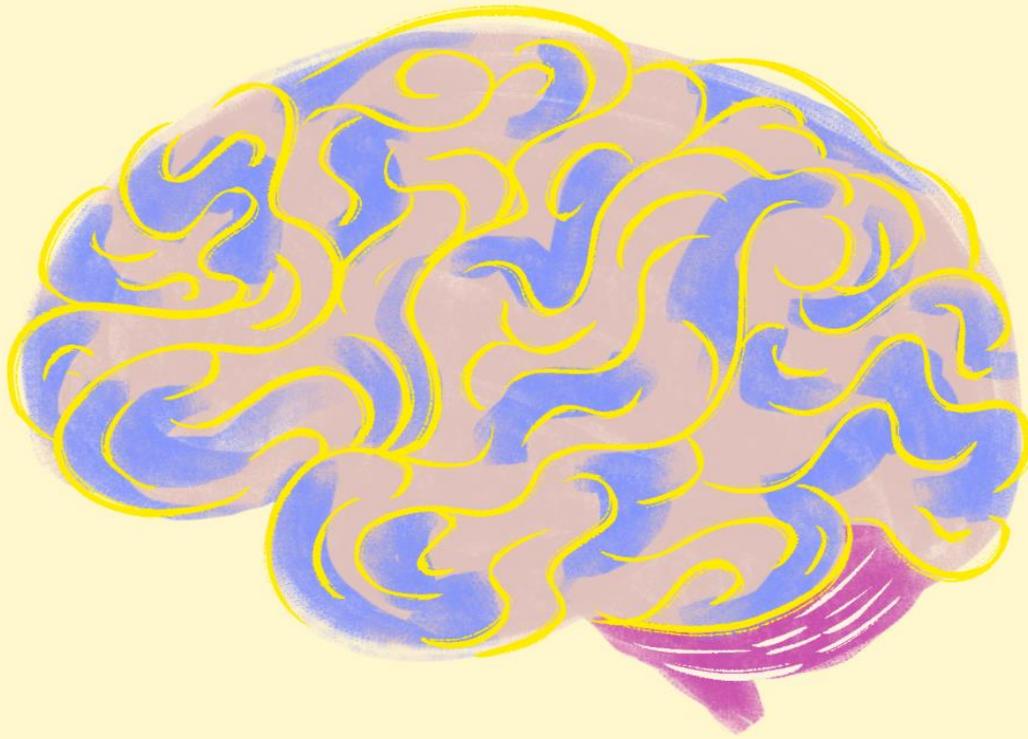


CNS ARCHIVE

Wateen - med & final



Done by ::

الفريق الأكاديمي



ANATOMY



1) Urinary incontinence (lesion of any area ?)

Answer :Paracentral lobule (between the 2 Rami of cingulate sulcus) ✓

2) Genu of cc is supplied by any artery ?

Answer :Ant.cerebral artery ✓

3) Motor area supplied by?

Answer : Middle cerebral artery ✓

4)number of arteries that are sharing in circle of Willis ?

Answer :9 ✓

5)The nerve that have direct relation to the ICA ?

Answer :Abducent nerve CN 6 ✓

6) Which of the following arteries supplies the insula ?

Middle cerebral artery ✓

7)Calcar avis is relation of which part of lateral ventricle ? Answer :Pos. Horn ✓

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8)The 2 crura of fornix are connected together by ?

Answer :Commissural fibers

9)Choose the incorrect statement according to 3rd ventricle ?

Answer :Tuber cinereum lies anterior to it

10)one of the following is wrong about 3 ventricle?

Answer :Tectum of midbrain related to the floor of 3 ventricle

11)Choice the correct answer :

A)Cerebrum has 6 poles

B)The cerebrum separated from cerebellum by tentorium cerebri

12)Choice the wrong answer :

Answer :Gyrus rectus located lateral to olfactory sulcus

13)Blood supply of Para hippocampus is:

Answer : PCA

14)Blood supply of Uncus is :

Answer :PCA

15)Section in the medulla oblongata will contain:

Answer :Inferior olivary nucleus ✓

16)Choice the wrong answer :

Answer :Spinal cord occupied the whole length of vertebral column ✓

17)The preganglionic parasympathetic innervation of facial nerve:

Answer :Superior salivary nucleus ✓

18)Solitary nucleus receive s fibers from:

Answer :Glossopharyngeal, facial, Vagus ✓

19)The two temporal lobe connect together by:

Answer :Trunk + anterior commissure ✓

20) All of the following is related to ant horn of lateral ventricle except :

Answer :Thalamus ✓

21) All of the following is an input of hippocampus except :

A. septal nuclei

B. Fastigial nuclei

في همّتك ما يبني أمّتك

C. Dentate gyrus

D. Anterior nuclei

E. Dentate nuclei

HISTOLOGY

1) Which of the following is incorrect?

A) Vestibulo-spinal tract << flexor tone

B) Vestibulo-spinal tract << extensor tone

2) Intralaminar nucleus considered as 3rd order neuron for?

Answer: Lateral spinothalamic tract

3) Regarding lamina de rexed , which of the following wrong ?

Answer : Tract of Lissauer overlaying lamina XI

4) dendrites of pirkinje in which layer :

Answer : Molecular layer

5) pirkinje cell is : Answer : Extension dendrites arborization

6) 75% of the brain neuron is :

Answer : granule cell

عناء اليوم ... لذّة الغد

7) layer of the cerebral cortex in the motor area :

Answer : 2 type of neuron, 6 layer

8) which of the following is incorrect ?

Answer : the mossy fiber constitute the majority of efferent

9) BITZ cells :

a. Internal pyramidal layer

b. External pyramidal layer

10) which of the following that transfer by DC-ML?

a. Conscious proprioception

b. Pain

c. Unconscious proprioception

PHARMACOLOGY

1) Anesthetic drug which has a good analgesic effect+ act as bronchodilator?

Answer : Ketamine

2) Hypnotic drug which has long term management?

Answer : Phenobarbital

3) Which of the following anesthetic drugs cause hepatic toxicity?

Answer :Halothane 

4) Case about man undergo a surgery and he experienced rapid recovery?

Answer :NO 

5)One of the following drugs is COMT?

Answer :Entacapone 

6) Which of the following drugs isn't dopamine receptor agonist ?

Answer :Selegiline 

7) All of the following is true about flumanzile except:

Answer :Patients with suspected benzodiazepine overdose should respond adequately to a cumulative dose of 1-50 mg given over 2-10 minutes; 

8) One of the following is SNRI? Answer :Venlafaxine 

9) All the following is incorrect about buspirone except :

Answer: The drug is used in generalized anxiety states but is less effective in panic disorders 

التفوق تجربة تستحق العناء

10) All the following is correct about mechanism of action for methylxanthines except :

Answer :Stimulation of adenosine receptors

11) a partial agonist at β_2 , α_4 , neuronal nicotinic acetylcholine receptors in the CNS is:

Answer :Varenicline

12) which of the following that tolerance ?

a. Constipation

b. Analgesia

c. Euphoria

d. Sedation

BIOCHEMISTRY

1) Which of the following is correct about Metabotropic Receptors?

Answer :Comprise a single protein subunit, winding cell membrane seven times (transmembrane domains)

2)Which GLU protein is specific for neuron ?

Answer :GLU 3

3)In which conditions the brain depends only on keton bodies ?

Answer :Starvation and DM 1

4)pellicle formation :

TB

5) All of the following true about fate of excess 4.4 mmol of glucose , EXCEPT :

a. Component of BBB

b. Utilized in the synthesis of brain neurotransmitters

6) All of the following true about fate of excess 4.4 mmol of glucose , EXCEPT :

a. Synthesis glycogen in neuron

b. Utilized in the synthesis of glutamate

c. Utilized in the synthesis of GABA

MICROBIOLOGY

1)In HSV encephalitis which of the following is wrong ?

Answer :Decrease the glucose level in blood

2)Which of the following bacteria cause meningitis in the children ?

Answer :S.agalactiae

3)One of the following is wrong regarding to C.neoformas?

Answer :Can be transmitted through person-person

احلم .. اتمنى .. افعل

4) one of the following is wrong about acanthamoeba + balamuthia :

Answer :Only cyst can be found in biopsy

PHYSIOLOGY

1)The nuclear-bag fibers of muscle spindles are innervated by :

- a. A γ nerve fibers
- b. A β nerve fibers
- c. A delta nerve fibers
- d. Ia nerve fibers

2) Muscle spindles :

- a. are found in all skeletal muscles
- b. are found only in large skeletal muscles
- c. consist of small numbers of extrafusal muscle fibers
- d. consist of a large number of extrafusal muscle fibers

3) The central ends of afferents from muscle spindles synapse with all the following types of neurons, except :

- a. α -motor neurons of the same muscle
- b. γ -motor neurons of the same muscle
- c. local interneurons
- d. 2nd order neurons of ascending sensory pathways

4) Concerning sleep:

- a. It takes about 16 hours in old person.
- b. it takes about 8 hours in children
- c. It takes about 6 hours in normal adults
- d. Facilitated by fatigue and cold exposure.
- e. It shows circadian rhythm synchronized with daily dark light cycle

5) Cerebellar ataxia is manifested by all the following. EXCEPT

- a. dysdiadochokinesia
- b. static tremors
- c. dysmetria
- d. staccato speech

6) all the following CONSIST to declarative conscious EXCEPT:

- a. Body memory
- b. Short memory
- c. Long memory

7) Enkephalin release by : Answer : Peri aqueduct grey matter

8) GABA is : Answer : Principal inhibitor

9) all the following is correct about Neuroplasticity except :

A) Learning

B) stroke rehabilitation

C) Neurotransmitter switch behavioral changes

D) gait slowness

PATHOLOGY

1) Blue cell tumor is :

Answer : Medulloblastoma

2) pilocytic astrocytoma:

Answer : Well differentiated cystic mass in child cerebellum

3) Border zone ("watershed") infarcts usually seen after:

answer : hypotensive episodes

4) hemangioblastoma, renal cyst , renal carcinoma :

A) Tuberous sclerosis

B) Von Hippel-Lindau

C) Li-Fraumeni – inherited



EMBRYOLOGY

1) One of the following disease isn't type of spinal bifida ?

Answer :Encephalocele



اللَّهُمَّ أَنْفَعْنِي بِمَا عَلَّمْتَنِي، وَعَلِّمْنِي مَا يَنْفَعُنِي، وَزِدْنِي عِلْمًا

الطبيب والجرّاحة
لجنّة

