

**Peripheral Nervous System
(PNS) Final Exam
Soul Batch
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**Done By:
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Pharmacology

1- Which of the following is false about local anesthetic :

Answer: Tetracaine more lipid soluble than lidocaine and less potent and more plasma protein binding and shorter duration of action

2- Case about children with sinus surgery ; the most potent local anesthetic on mucous membrane with vasoconstriction activity:

Answer: Cocaine

3- Case about patient has urinary retention after surgery; we use:

Answer: Bethanechol

4- Case about surgery of salivary gland and dry mouth; we use :

Answer: Pilocarpine

5- Drug use for diagnosis of myasthenia gravis :

Answer: edrophonium

6- When we use norepinephrine; the HR and BP will :

Answer: decrease heart rate , increase blood pressure

7- Case about cardiac shock and maintain of renal blood flow :

Answer: dopamine

8- Case about nasal congestion; we use :

Answer: phenylephrine

9- Case about asthma; we use :

Answer: albuterol

10- The drug which is contraindicated in asthma :

Answer: propranolol

11- mismatch :

Answer: pindolol - stable angina and arrhythmia

12- Not correct about labetalol :

Answer: has intrinsic sympathomimetic activity (ISA)

13- Anti parkinsonism drug which contraindicated in glucoma patient :

Answer: benzotropin " levodopa is also true "

14- Benzotropin use for :

Answer: decrease tremor

15- Case with insecticides toxicity go to emergency after 25 min of symptoms appears ; we use :

Answer: Pralidoxime + atropin

16- Drug that is used for hypertensive diabetic ptx:

Answer: bisoprolol

17- Effect of a drug that is agonist for alpha one receptor and beta one receptor as well (a question regarding this point) :

Answer: increase in the HR , increase in the BP

Microbiology

18- Which of the following is false about *Zika virus*:

Answer: It has no vaccine

19- The arbovirus that transmitted by ticks :

Answer: Powassan virus

20- Which of the following not Enteroviruses :

Answer: California

21- Enterovirus sensitive to :

Answer: 0.3% formaldehde

22- About *micobacterium leprae* which of the following is false :

Answer: has short IP

23- About botulinum toxin which of the following is false :

Answer: susceptible to GI enzyme

24- About *Clostridium tetani* which of the following is false :

Answer: cause flaccid paralysis

Anatomy

25- The vestibular nucleus to the spinal cord :

Answer: lateral vestibular

26- Facial nucleus turns around:

Answer: Abducent nucleus

27- The nerve that gives long ciliary nerve :

Answer: nasociliary nerve

28- Lesser wing of sphenoid presents in :

Answer: roof and medial wall

29- Palatine presents in :

Answer: floor of orbit

30- Loss of which nerve lead to loss of accommodation:

Answer: oculomotor nerve

31- Innervation of skin over the angle of mandible:

Answer: greater auricular nerve

32- Largest cell in retina is :

Answer: muller's cell

33- Nerve that runs over the levator palpebrae superioris is the :

Answer: frontal nerve

34- IF we remove the frontal orbital plate , we see all these nerves except :

Answer: nasociliary

35- One of the nerves doesn't have parasympathetic fibers :

Answer: Accessory

36- Medial cerebral artery aneurism rupture in right side can lead to :

Answer: Paralysis of lower left facial

Physiology

37- Which of the following is correct:

Answer: Sympathetic --> Ejaculation

38- All of the following receive cervical sympathetic outflow ; except :

Answer: Tongue

39- The slowest nerve is:

Answer: Type C

40- All are excitatory of sympathetic except :

Answer: external anal sphincter

41- During photochemistry ; which of the following will not increase:

Answer: Na⁺ influx in outer segment of rod

42- When light stimulate rod ; one of the following can occur:

Answer: Increase transducin

43- The cells that act as lateral inhibition are :

Answer: Horizontal cells

44- Responsible for linear of vertical plane :

Answer: Sacculle

45- The fovea centralis is greatest visual acuity due of one cone bind to multiple ganglion; this statement (true or false) and reason (true or false) are:

Answer: The statement is true but reason is false

46- Responsible angulation movement of head :

Answer: Semicircular canals

47- The area in vestibular apparatus responsible to movement of head :

Answer: Ampulla

48- The determining of sound direction:

Answer: Superior olivary nucleus

49- The taste perception of basic substance is:

Answer: Bitter

50- The taste perception of glutamate is:

Answer: Umami

51- Which is wrong about Gustatory sensation :

Answer: ipsilateral

52- The odorant binding receptor induces :

Answer: G protein to activation cAMP

53- Narrowing in schlemm canal can lead to :

Answer: glaucoma

54- Sensory type 2 :

Answer: gamma neuron for muscle spindle

55- The stimulation of B1 and B2 can lead to :

Answer: Decrease peripheral resistant

56- The frequency analyzer portion :

Answer: basilar membrane

57- Sensory receptors responsible of feeling the vibration:

Answer: Pacinian

Pathology

58- Which of the following is false about prions:

Answer: cause inflammatory response

59- Prions cause all of the following in human except :

Answer: scrapie

60- Case about CJD which of the following is false :

Answer: it is non-infectious viral disease

61- **IDH** associated with :

Answer: low grade astrocytoma

62- WHO grading of Astrocytoma depend on all of the following except :

Answer: tumor location

63- The grade of Pilocytic astrocytoma is:

Answer: Grade 1

64- Astrocytoma with necrosis and vascular proliferation :

Answer: Glioblastoma

65- Deletion of chromosome **1p and 19q** common in :

Answer: oligodendroglioma

66- Acoustic neuroma is :

Answer: schwannoma

67- Neurofibrillary tangles contain:

Answer: tau protein

68- **CAG trinucleotide** repeat expansion found in :

Answer: Huntington disease

69- Hemorrhages in mammillary bodies found in deficiency of :

Answer: thiamine

70- Alzheimer type 2 cell found in :

Answer: liver disease

71- Which of the following is false about multiple sclerosis:

Answer: immune mediated by auto-antibody

Sorry for any mistake

Good Luck

لا تنسونا من صالح دعائكم
زميلكم المعتصم خميس