

# زَوْج

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# CNS

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# Lab

# ANATOMY

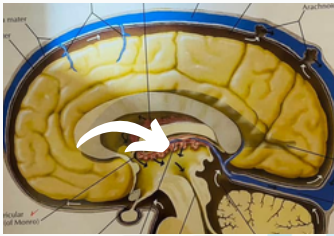
1-What is the labelled structure



- A. Great cerebral vein
- B. Inferior sagittal vein
- C. Basal vein

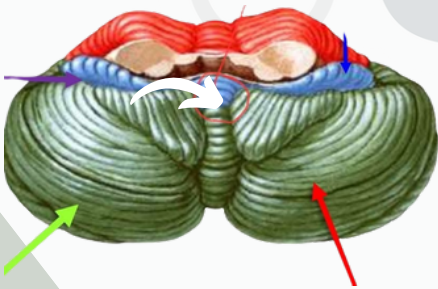
Answer: a

2-What is the labelled structure



- A. Choroid plexus of the 3rd ventricle

what is the labelled structure



- A. Cerebellar nodule
- B. Uvula
- C. Tonsil

Answer: a

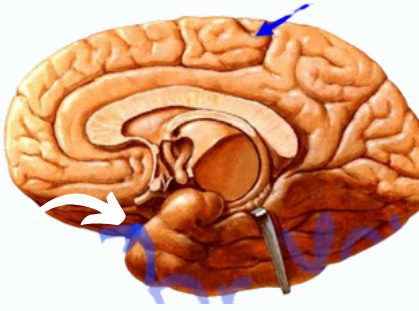
4. What is the labelled artery



- A. Internal carotid
- B. Anterior cerebral artery
- C. Posterior cerebral artery
- D. Middle cerebral artery

Answer :B

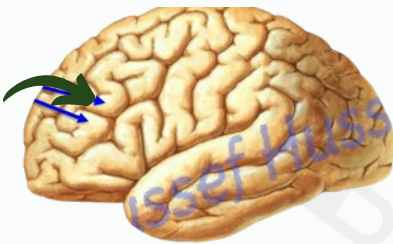
5. What is the pointed structure



- A. stem of lateral sulcus
- B. Posterior ramus of lateral sulcus

Answer: a

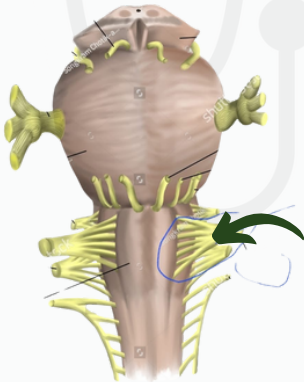
6. Name the pointed structure



- A. Broca's area
- B. Wernicke area
- C. Exner's area

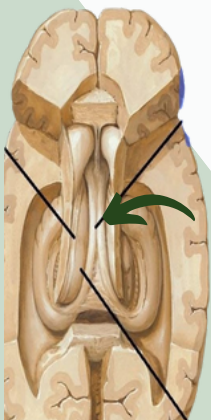
Answer: C

7. Name the pointed nerve



hypoglossal nerve

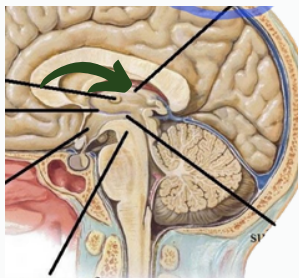
8. Name the pointed structure



- A. Column of fornix
- B. Body of the fornix
- C. Crura of fornix

Answer: B

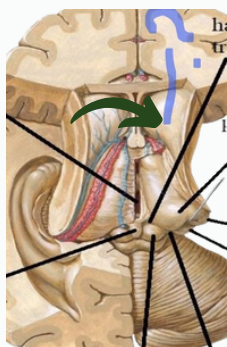
9. What is the pointed structure



- A. stri terminals
- B. stria medullaris thalami

Answer: B

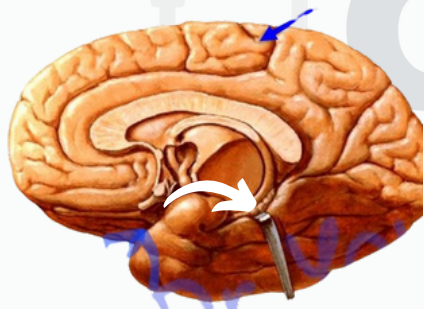
10. What is the pointed structure



- A. amygdala
- B. Caudate nucleus
- C. Pulvinar
- D. Lentiform

Answer: B

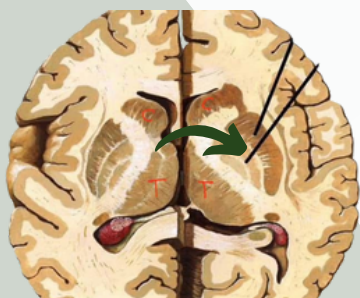
11. What is the pointed structure



- A. Fimbria of Hippocampus
- B. parahippocampal gyrus
- C. Dentate gyrus

Answer: C

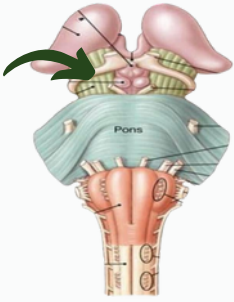
12. What is the pointed structure



- A. Left thalamus
- B. Right thalamus

Answer: B

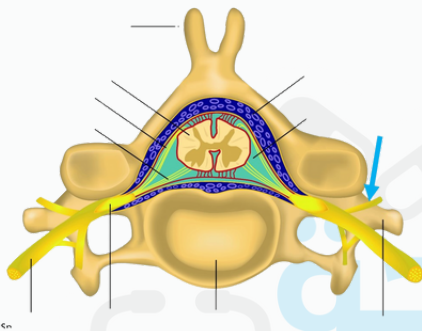
13. What is the pointed structure



- A. Optic tract
- B. Optic Chiasm

Answer: a

14. What is the pointed structure



Dorsal ramus

**MICRO**

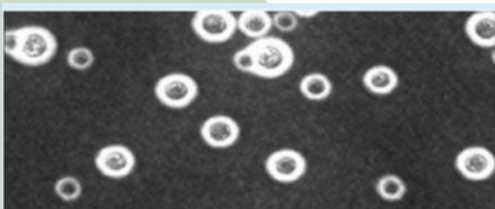
15. This CSf growth pattern indicates? Select one:



- 1. M.tuberculosis.
- 2. S.pneumoniae.
- 3. S.aureus.
- 4. N.meningitides.
- 5. C.neoformans

Answer: B

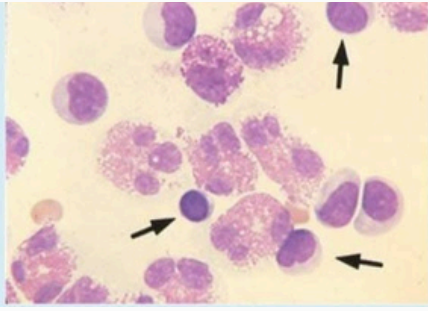
16. This microscopic image indicates?Select one:



- 1. M. tuberculosis.
- 2. S. pneumonia.
- 3. S. aureus.
- 4. N. meningitides.
- 5. C. neoformans

Answer: 5

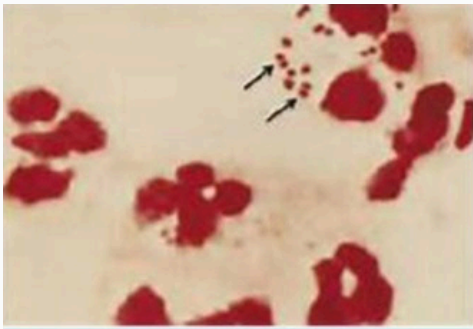
17. This CSF stained smear indicates? Select one:



1. Viral infection.
2. Parasitic infection.
3. Bacterial infection.
4. Tubercular infection.
5. Bacterial infection and tubercular infection.

Answer: B

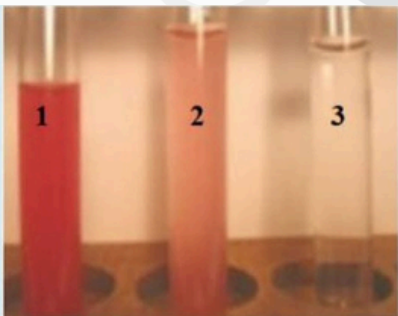
18. This pattern of infection indicates? Select one:



1. N. meningitidis.
2. S. pneumoniae.
3. S. aureus.
4. L. monocytogenes.
5. C. neoformans.

Answer: a

19. The tube of CS that should be submitted to count RBCs and WBCs is the tube number? Select one:

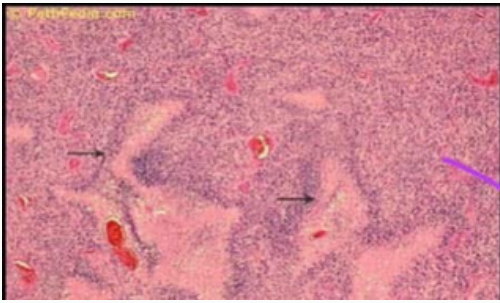


- a. 1.
- b. 2.
- c. 3.
- D. 1 or 2.
- E. Any tube.

Answer: C

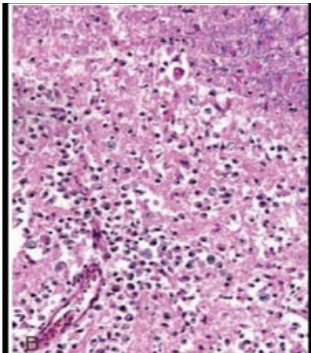
# PATHO

20. This histological pattern is for any disease



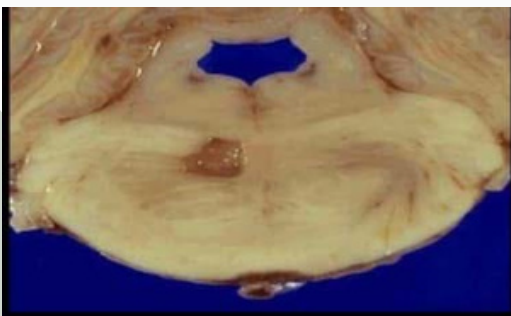
**glioblastoma**

21. This histological pattern is for any stage



**Subacute changes, occurring at 24 hours to 2 weeks**

22. This type of infarcts in this photo is due to



**Hypertension**

23. The type of hemorrhage is



**Intercerebral hemorrhage**

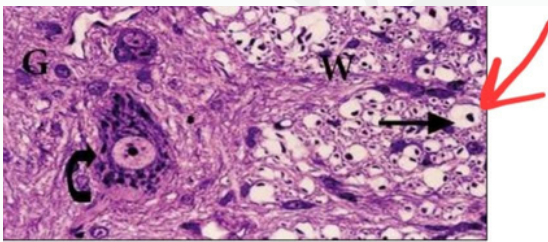
24. Name the disease



**Pilocytic astrocytoma**

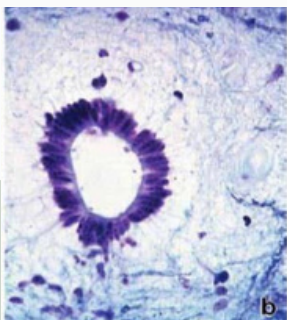
# HISTO

25. Name the pointed structure



**myelinated nerve fibers**

26. The type of the cell



**A. Ependymal cells**

**B. Epithelial cell**

**Answer: a**

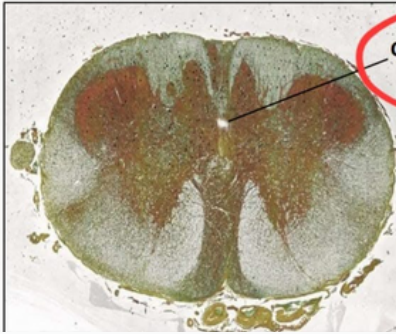
27. Name this structure



**Spinal cord at cervical segment (silver stain)**

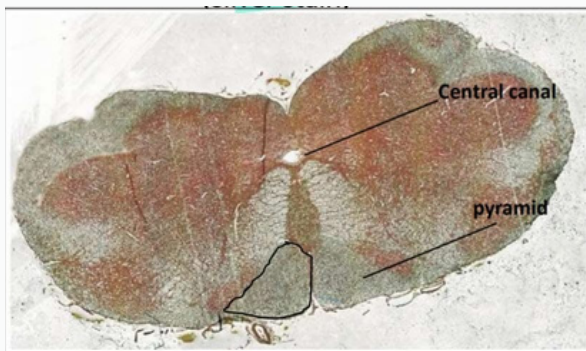


**28. Name the pointed structure**



**Central canal**

**29. Name this structure**



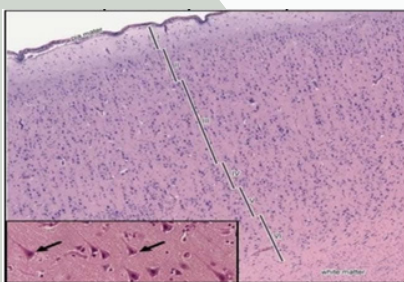
**Closed medulla oblongata (sensory decussation)(silver stain)**

**30. Name this structure**



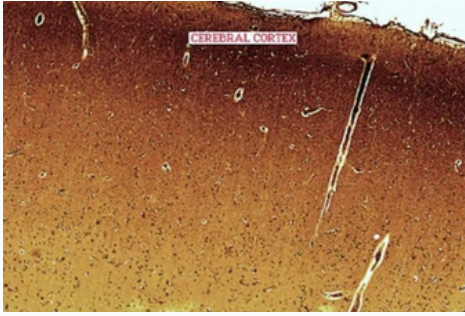
**Midbrain at the level of inferior colliculus.**

**31. The type of cell**



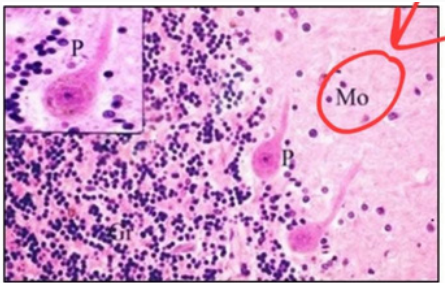
**pyramidal cells**

**32. microscopic picture shows**



**the cerebrum stained by silver**

**33. This arrow point at**



**molecular layer,**

**34. This arrow point at**



**Purkinje cell layer,**

# PHYSIO

**35. Which of the following activities will increase the sensitivity of the stretch reflex?**

- 1. Cutting the dorsal root fibers associated with the muscle in which the stretch reflex is being examined**
- 2. Increasing the activity of the medullary reticular nuclei**
- 3. Bending the head forward**
- 4. Enhanced activity in the fusimotor (gamma motor neuron) system**
- 5. Stimulating the lateral hemispheres of the cerebellum**

**Answer: D**

**36. The abnormal Plantar Reflex (Babinski's) indicates**

**upper motor neuron lesion**

**37. All the following causes of EXAGGERATED (HYPERREFLEXIA) except**

- A.-lower motor neuron lesion.**
- B. Hypothyroidism.**
- c. Tetany (Ca<sup>2+</sup> deficiency).**

**Answer: C**

**38. All of the following are true regarding stretch reflex except**

**stretch receptor in tendon**