#### **1)ANS:**

Acquired metabolic diseases→ Wernicke encephalopathy

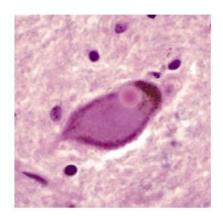
Wernicke encephalopathy is characterized by foci of hemorrhage and necrosis in the mamillary bodies and the walls of the third and fourth ventricles.

Foci of hemorrhage

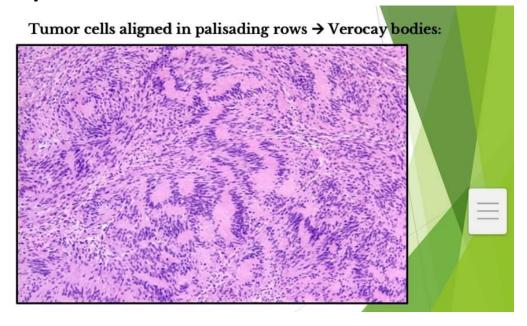


#### **2)ANS:**

Parkinson disease

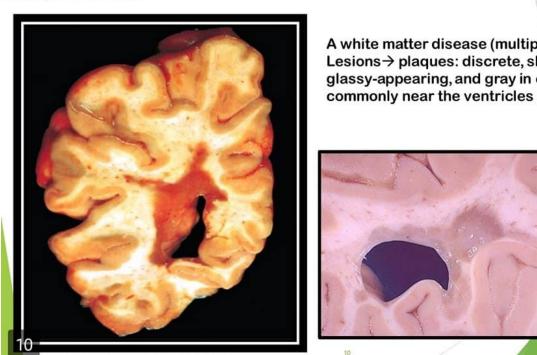


#### 3)ANS: Verocay bodies

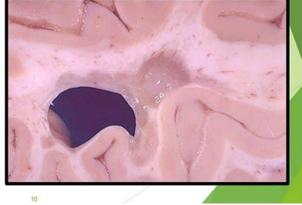


### 4)ANS: Multiple sclerosis

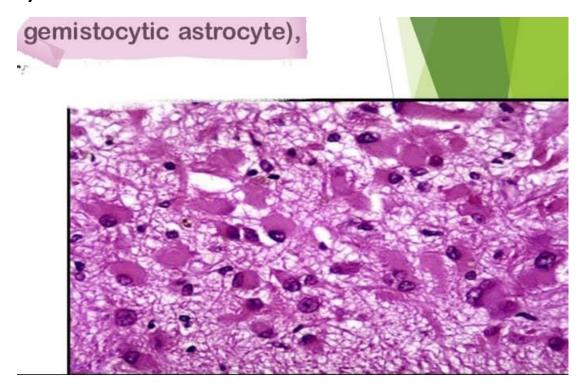
Multiple sclerosis



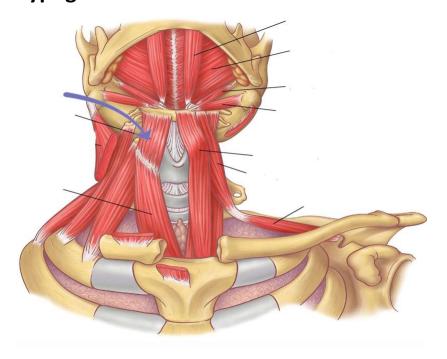
A white matter disease (multiple sclerosis) Lesions → plaques: discrete, slightly depres glassy-appearing, and gray in color, and



### 5) ANS:

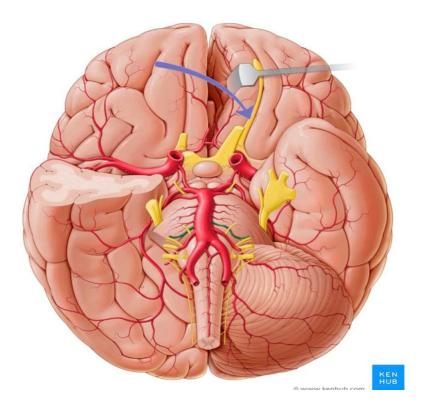


6) Name of the muscle which supplied by (C1) through hypoglossal nerve.

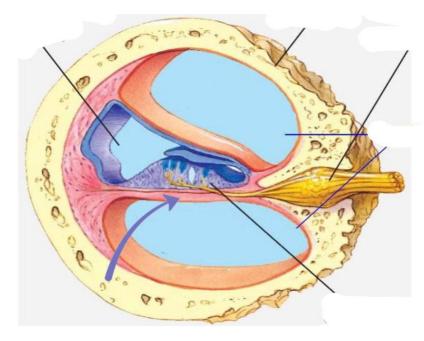


### 7)The arrow pointed to:

# ANS: Olfactory TRACT

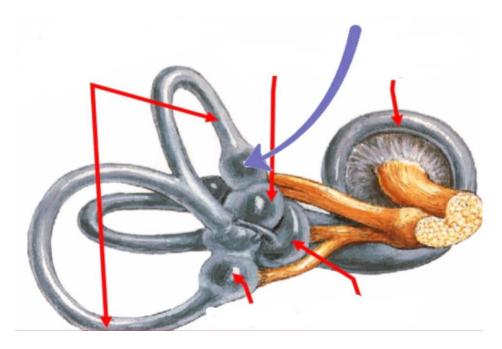


### 8)The arrow pointed to:



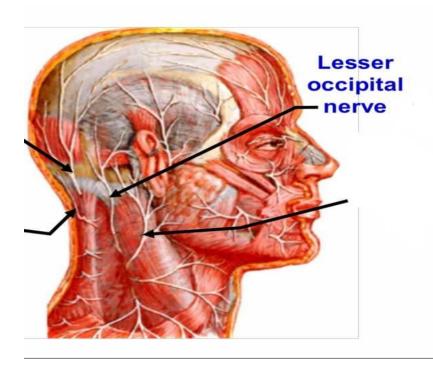
### 9)The arrow show:

ANS: Ampulla of anterior semicircular duct

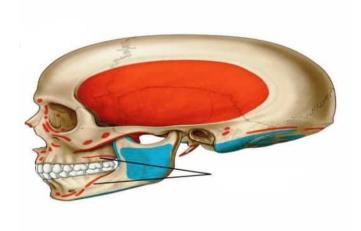


10)The arrow pointed to?!

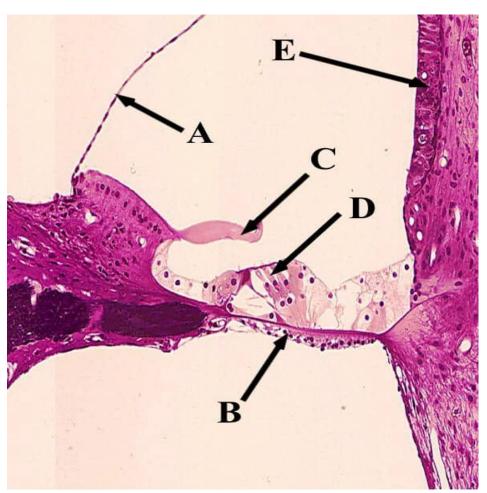
#### ANS:



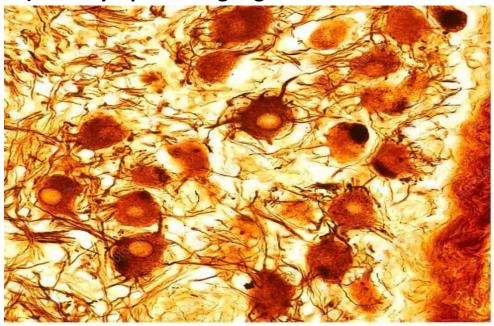
# 11) Origin of buccinator



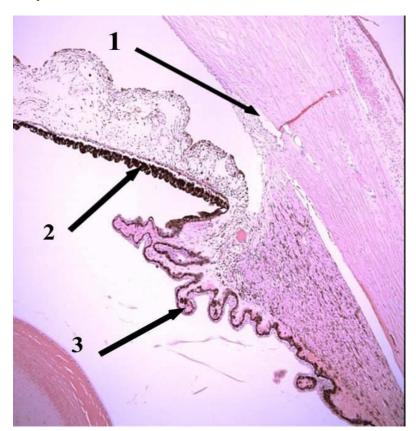
12) D?!



13)ANS: Sympathetic ganglion



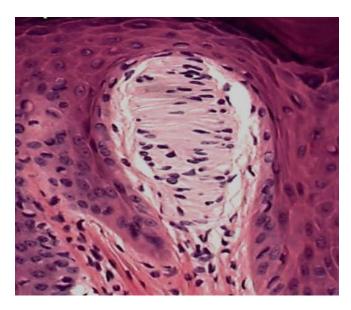
14) 2?!



15)Choices: Myoepithelial cell

Stellate cell

Schwann cell



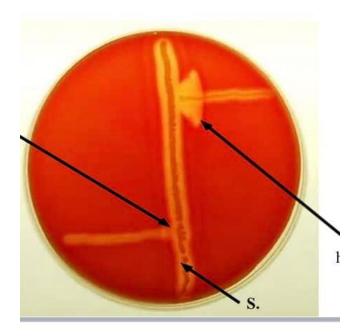
16) causative microorganism:



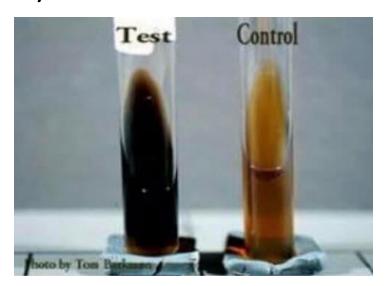
## 17) What is wrong about this vaccine:



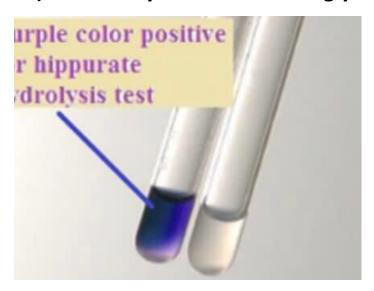
## 18) Name tis test:



19)ANS: Bile Esculin test

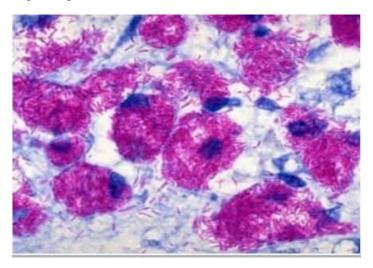


20)ANS: Ninhydrinreacts with "glycine"



### **21)WRONG:**

ANS: Ziehl-Neelson method: confirm the diagnosis of tuberculoid leprosy



صيغة السؤال مش موجودة (22) الجواب: لأنه بنخفف السم لأقل من 1 نانوغرام



23) Visual acuity 6/60 means that:

ANS: Patient can see at 6 meter distance what normal person can see at 60 meter.

24) Ophthalmoscope used to examin:

**ANS: Fundus** 

25) Each one of the following related to conductive dwafness except?

**ANS: Positive rinne's test** 

- 26) Nereve deafness in right ear means?
- 27) Better sound in left ear?!