

# CNS-Anatomy

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Archive

Lecture 8&9

Cerebrum and its  
blood supply

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1. Which of the following is incorrect regarding functional area?

- a . Primary motor area corresponds to the precentral gyrus
- b . Secondary auditory area is found in the middle of the superior temporal gyrus
- c . Writing area is found in the middle frontal gyrus

Ans :(b )

2. What is the Broca 's area ? Select one:

- a . Area 39
- b . Area 6
- c . Area 44
- d . Area 22
- e . Area 8

Ans :(c )

3.All of the following are areas of the frontal lobe except :

- a . Exner area
- b . Motor area
- c . Wernicke 's area
- d . Broca 's area
- e . Areas of 6&8

Ans :(c )

4.Which body part is represented most inferiorly within the primary motor cortex

- a . Face
- b .Hand
- c . Neck
- d .Abdomen
- e . Lower limb

Ans :(a )

5.Broca 's area is a specialized portion of motor cortex. Which condition best describes the deficit resulting from damage to Broca's are :

- a . Spastic paralysis of the same side hand
- b . Paralysis of the muscles of the larynx and pharynx
- c . Inability to use two hands to grasp an object
- d . Inability to direct the two eyes to the contralateral side
- e . Inability to speak whole words correctly

Ans :(e )

6. What isthemotor speech area ?

- a . Area 39
- b . Area 6
- c .Area 44
- d . Area 22
- e . Area 8

Ans :(c)

7 . Areas of Frontal eye field 8 except ?

- a . Brodmann area
- b .Eye movement
- c .Visual
- d .lie in the superior frontal gyrus
- e .all are ture

Ans :(c)

8 .Motor area 4 of the cerebrum ? Select one :

- a . It lies on the superolateral and medial surface
- b . The body is erect
- c . It is supplied by inferior cerebral artery
- d . The area of the hand is larger than the foot in the hand writer
- e . It gives origin to corticocerebellar tract

Ans :(a)

9. Urinary incontinence (lesion of any area ?)

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

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10. If Wernicke 's -area damaged what will happen ?

- a )visual disturbance
- b )write disability
- c )loss of language
- d ) loss language comprehension

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Ans :d.

11. Exner area responsible of A -vision B  
-auditory C -mathematical solving and  
writing D -speech

Ans :c

12. the cause of aphasia damage a in which area ?

- a) Broca 's
- b) Exner 's
- c) premotor area
- d) wernicke 's area

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Ans :(a)

13.All of the following found in premotor area 6,except :

- A) Broca 's area
- B) Head rotation area
- C) Hand skilled area
- D) Exner 's area 45
- E) Area 8 (frontal eye field )

Ans :(e)

14. Which of the following statements is WRONG regarding the cerebrum?

- A) The gyrus rectus lies on the inferior (orbital) surface of the frontal lobe
- B) The gyrus rectus is supplied by the anterior cerebral artery (ACA)
- C) The medial surface of the cerebrum is mainly supplied by the anterior cerebral artery
- D) The lateral surface of the cerebrum is mainly supplied by the middle cerebral artery
- E) The gyrus rectus is supplied by the middle cerebral artery

ans : e

:15Gyrus rectus is supplied by

- A) Anterior cerebral artery
- B) Middle cerebral artery
- C) Posterior cerebral artery
- D) Anterior communicating artery

Ans :A