

1. **Following arteries participate in the formation of circle of Willis EXCEPT:**

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

2. **Following are the branches of basilar artery EXCEPT:**

- A. Superior cerebellar
- B. Anterior inferior cerebellar
- C. Posterior inferior cerebellar
- D. Posterior cerebral

3. **Following are the branches of ICA EXCEPT:**

- A. Anterior cerebral artery
- B. Middle cerebral artery
- C. Posterior cerebral artery
- D. Ophthalmic artery

4. **Motor area for opposite head-face-neck region supplied by:**

- A. Superior cerebellar artery
- B. Anterior cerebral artery
- C. Middle cerebral artery
- D. Posterior cerebral artery

5. **Motor area for opposite leg lies in the territory of:**

- A. Anterior cerebral artery
- B. Middle cerebral artery
- C. Posterior cerebral artery
- D. Posterior inferior cerebellar artery

6. **Regarding the cerebellar arteries:**

- A. AICA supplies choroid plexus of 3rd ventricle.
- B. PICA supplies the choroid plexus of 4th ventricle.
- C. AICA supplies the inferior cerebellar peduncle.
- D. PICA supplies the middle cerebellar peduncle.
- E. The superior cerebellar artery supplies the inferior cerebellar peduncle.

7. **One of the following arteries is a branch of the basilar A:**

- A. Anterior spinal artery.
- B. Posterior spinal artery.
- C. Posterior inferior cerebellar artery.
- D. Posterior cerebral artery.
- E. Middle cerebral artery.

1	2	3	4	5	6	7
C	C	C	C	A	B	D

8. Regarding the cerebellar arteries:

- A. The AICA is a branch of the basilar artery.
- B. The PICA may give the posterior spinal artery.
- C. AICA supplies the middle cerebellar peduncle.
- D. PICA supplies the inferior cerebellar peduncle.
- E. All of the above.

9. One of the following is a branch of vertebral artery:

- A. Anterior cerebral artery.
- B. Posterior cerebral artery.
- C. Middle cerebral artery.
- D. Anterior inferior cerebellar artery (AICA).
- E. Posterior inferior cerebellar artery (PICA).

10. The pons is supplied by one of the following artery:

- A. Anterior spinal artery.
- B. Posterior spinal artery.
- C. Anterior inferior cerebellar artery.
- D. Posterior inferior cerebellar artery.
- E. Branches from the vertebral artery.

11. The posterior cerebral artery supply:

- A. Upper one inch of the lateral surface of the frontal lobe.
- B. Medial surface of the frontal lobe.
- C. Medial surface of the occipital lobe.
- D. Anterior limb of the internal capsule.
- E. Anterior part of the corpus striatum.

12. arteries is not part of circulus arteriosus:

- A. Anterior cerebral artery.
- B. Posterior cerebral artery.
- C. Middle cerebral artery.
- D. Anterior communicating artery.
- E. Posterior communicating artery

13. The callosal artery is a direct branch of the

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

8	9	10	11	12	13
E	E	C	C	C	A

14. *It is the terminal branch of the basilar artery*

- A. Anterior cerebral
- B. Middle cerebral
- C. Posterior cerebral
- D. Anterior cerebellar
- E. Posteroinferior cerebellar

15. *It is a branch of the internal carotid*

- A. Posterior cerebral artery
- B. Posterior choroidal artery
- C. Anterior choroidal artery
- D. Pericallosal artery
- E. Precentral artery

16. *Which of the following arteries supplies Broca's area?*

- A. ACA
- B. MCA
- C. PCA
- D. Lateral striate

17. *Regarding the cerebral arteries, one of the following is INCORRECT:*

- A. They are present in the subarachnoid space.
- B. Occlusion of the right anterior cerebral artery may cause paralysis of the left upper limb.
- C. The anterior cerebral artery courses in the callosal sulcus.
- D. The middle cerebral artery courses in the lateral sulcus.
- E. The posterior cerebral artery courses in the calcarine sulcus.

18. *One of the following arteries is not part of the circulus arteriosus:*

- A. Anterior cerebral artery.
- B. Middle cerebral artery.
- C. Posterior cerebral artery.
- D. Anterior communicating artery.
- E. Posterior communicating artery.

19. *The anterior cerebral artery supplies all of the following EXCEPT:*

- A. Upper one inch of the parietal lobe.
- B. Medial surface of the frontal lobe.
- C. Anterior limb of the internal capsule.
- D. Anterior part of the corpus striatum.
- E. Occipital lobe.

20. *One of the following is a branch of the vertebral artery:*

- A. Anterior cerebral artery.
- B. Posterior cerebral artery.
- C. Middle cerebral artery.
- D. Anterior inferior cerebellar artery (AICA).
- E. Posterior inferior cerebellar artery (PICA).

14	15	16	17	18	19	20
C	C	B	B	B	E	E

21. Regarding the cerebral arteries:

- A. They are present in the subdural space.
- B. The anterior cerebral artery courses in the lateral sulcus.
- C. The middle cerebral artery courses in the callosal sulcus.
- D. The posterior cerebral artery courses in the calcarine sulcus.
- E. The anterior cerebral artery supplies the face area of the motor area.

22. Which of the following statements best describes the circle of Willis?

- A. It is formed by terminal branches of external carotid and basilar arteries.
- B. The ophthalmic artery is a branch of the circle.
- C. The middle cerebral artery forms part of the anterior circulation.
- D. The middle cerebral artery supplies the majority of the occipital lobe.
- E. The cerebellum is supplied by the circle.

23. The vertebral artery:

- A. is a branch of the second part of subclavian artery
- B. passes in foramina transversaria of all cervical vertebrae
- C. AICA is its most important branch
- D. terminates at the lower border of pons

24. The medulla is supplied by all of the following EXCEPT:

- A. Branches from the vertebral artery.
- B. Anterior spinal artery.
- C. Posterior spinal artery.
- D. Anterior inferior cerebellar artery.
- E. Posterior inferior cerebellar artery.

25. The cerebellar arteries, all are correct except:

- A. The superior cerebellar artery supplies the superior cerebellar peduncle
- B. The AICA supplies the choroid plexus of the 3rd ventricle.
- C. The PICA supplies the choroid plexus of the 4th ventricle.
- D. The AICA supplies the middle cerebellar peduncle
- E. The PICA supplies the inferior cerebellar peduncle.

26. One of the following arteries is a branch of the basilar artery:

- A. Anterior spinal artery.
- B. Posterior spinal artery.
- C. Anterior inferior cerebellar artery
- D. Posterior inferior cerebellar artery
- E. Radicular arteries to the cervical part of the spinal cord

27. the anterior spinal artery arises from which of the following?

- A. artery of Adamkiewicz
- B. basilar artery
- C. internal carotid artery
- D. posterior inferior cerebellar artery
- E. vertebral artery

21	22	23	24	25	26	27
D	-	D	D	B	C	E

28. ***Occlusion of which of the following vessels affects the entire dorsolateral part of the rostral medulla and produces the lateral medullary (Wallenberg) syndrome?***

- A. *anterior inferior cerebellar artery*
- B. *anterior spinal artery*
- C. *posterior inferior cerebellar artery*
- D. *posterior spinal artery*
- E. *superior cerebellar artery*

29. ***All of the following are branches of vertebral artery except:***

- A. *Anterior spinal artery*
- B. *Posterior spinal artery*
- C. *Posterior meningeal artery*
- D. *AICA*

30. ***Occlusion of branches of anterior spinal artery may cause:***

- A. *Weber's syndrome*
- B. *Brown-Sequard syndrome*
- C. *Medial medullary syndrome*
- D. *Lateral medullary syndrom*

28	29	30
C	D	C