

Name : Fatima

I.D : 13749

Dpt 6<sup>th</sup> Semester ,

Q1: A 52 year old patient comes to your clinic with complaints of sudden weakness in the face and arm, sudden severe embolic occlusion of a major vessel in the brain.

a. possible diagnosis?

Ans Cerebral Vascular Accident (CVA) (Stroke)

b. If the left side of the patients brain is damaged, which visual field will be lost and why?

Ans. If the left side of the patients brain is damaged so Right visual field will be lost because the tract which are passed through medulla are crossed due to which opposite side will be effected.

Q2a :- Name the protein that penetrates the neuron's membrane and causes damage to the brain leading to Alzheimer's disease?

Ans. Beta-amyloid protein.

b. Which disease is caused by if there is a mutation in SOD1 gene?

Ans. Amyotrophic lateral sclerosis is caused.

## SECTION B (Multiple Choice)

1. Psoriasis.
2. Osteoclasts are bone macrophages.
3. Osteosarcoma.
4. Histology and examination.
5. Cancer of epithelial origin.
6. Osteoblastoma.

8. Osteomyelitis
9. Degenerative
10. Grading
11. Both a and B
12. Osteoarthritis
13. Symmetric joint involvement is there.
14. Staph aureus.
15. Osteoarthritis
16. Anti CCP antibodies
17. Metaphysis
18. Left ventricular hypertrophy.
19. All of the above.
20. All of the above.
21. Three types.
22. Aschoff bodies.

23. Arrhythmias

24. Sympathetic Nervous System.

25. Parasympathetic Nervous System.

26. Psoriasis

27. Endocarditis

28. A failure at right side of heart with respiratory system involvement due to increase vascular resistance or high bp in lungs.

29. Arthritis

30. Calcific aortic stenosis.