Answers

Course title:- Pathology

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QUESTION NO : 1
ANSWER :-

PART : A
POSSIBLE DIAGNOSIS = Cerbro vascular disease ( CVA Ischemic )

PART : B
Loss of Right Visual field will occur = ( Hemanapsia )

WHY ?
Because in Hemanapsia blindness occurs in the half visual field and the cause would be stroke , brain tumor or trauma.

QUESTION NO : 2
ANSWER :-

PART : A
NAME OF THE PROTEIN = Amyloid precursor protein ( AAP )

It is a trans membrane protein which is responsible for the penetration in neuron membrane .

PART : B

NAME = The disease caused by the mutation in SOD1 Gene is = Amyotrophic Lateral Sclerosis ( ALS )

( ALS ) = When mutation in SOD1 occur the super oxid radicals are not neutralized.

# Section B: MULTIPLE CHOICE QUESTIONS (MCQs)

1. An autoimmune condition that can cause a variety of skin rashes is called:

B. **Dermatitis**

2. True statement is:

**C. Osteoclasts are bone macrophages**

3. Most common primary bone tumor is:

A.  **Multiple myeloma**

4. A patient who has suffered from knee injury comes up to you; the most important step regarding management of this patient is:

**A. History and examination**

5. Carcinoma means:

B. **Cancer of epithelial origin**

6. Benign tumor of vertebral column of 15 years old boy has been diagnosed. Histological features are of interwoven bone. The tumor is:

A. **Osteoid osteoma**

7. Osteoclaustoma is common in:

**A. Epiphysis**

8. A sickle cell anemic 5 years old boy presented to you with thigh swelling and fever from the last 5 days; the thigh is reddish and swollen. He suffered from typhoid fever 1 month back; the most probable diagnosis is:

**A. Septic arthritis**

9. Osteoarthritis is:

C. **Degenerative**

10. Aggressiveness of malignant tumor is shown by:

**B. Staging**

11. Rheumatoid arthritis is:

D. **Both a and b**

12. A 65 years old female comes to you with DIP joint bony nodules and the base of thumb is also affected. She states that her mother also had the same problem; most likely the diagnosis is:

**C. Osteoarthritis**

13. Which statement is true regarding Rheumatoid Arthritis?

**D. Both B and C**

14. Most common cause of Osteomyelitis is:

**A. Staph aureus**

15. A female patient comes to you with knee joint swelling. On examination, you notice that the knee is not much warm and it is a bit tender. Pain increases with activity and morning stiffness is less than 20 mints; most probable diagnosis is:

**D. Osteoarthritis**

16. Highly sensitive test for rheumatoid arthritis is:

**B. Anti CCP antibodies**

17. Osteomyelitis affects mainly:

**B. Metaphysis**

18. Systemic arterial hypertension leads to:

**C. Both A and B**

19. If a person has died of a heart attack suddenly, the most likely event that led to the sudden death is:

**E. Cardiac arrhythmia**

20. Which body part is MOST often affected by Psoriasis?

**E. All of the above**

21. Human muscles contain \_\_\_\_\_\_\_ types of muscle fibers based on the speed of shortening and morphologic differences:

C. **Three types**

22. What is pathognomonic of active rheumatic fever?

**E. Aschoff bodies**

23. A condition in which the heart beats with an irregular or abnormal rhythm is called:

**C. Arrhythmias**

24. Excess activity of \_\_\_\_\_\_\_ increases the blood pressure and contributes to hypertension.

**A. Sympathetic nervous system**

25. Pericardial inflammation may occur secondary to all of the following except:

**D. Parasympathetic nervous system**

26. Red patches of skin covered with silvery scales associated with itching are the feature of which disease?

**A. Psoriasis**

27. Inflammation of the inner layer of heart (the endocardium) with structure most commonly involved is the heart valves; this describes which of the following condition?

**A. Endocarditis**

28. Pulmonary heart disease is:

**B. A failure at right side of heart with respiratory system involvement due to increased vascular resistance or high BP in lungs**

29. Acute rheumatic heart disease is associated with:

**B. Left to right shunt**

30. Left ventricular hypertrophy is caused by:

**C. Both A and B**