

1. What term is used to describe a hernial protrusion of a saclike cyst that contains meninges, spinal fluid, and a portion of the spinal cord through a defect in a posterior arch of a vertebra?

Myelomeningocele

2. What provides the best estimate of the functioning of renal tissue?

Glomerular filtration rate

3. Where are langerhans cells found?

Skin

4. Where in the lung does gas exchange occur?

Alveolocapillary membrane

5. The tonic neck reflex observed in a newborn should no longer be obtainable by:

5 months

6. When renin is released, it is capable of which action?

Formation of angiotensin 1

7. The portion of the antigen that is configured for recognition and binding is referred to as what type of determinant?

epitope

8. Which sexually transmitted infection frequently coexists with gonorrhea?

Chlamydia

9. How is the effectiveness of vitamin B12 therapy

measured? **Reticulocyte count**

10. Carcinoma refers to abnormal cell proliferation originating from which tissue origin?

Epithelial cells

11. Which type of microorganism reproduces on the skin?

Bacteria and fungi

12. An infant has a crescendo-decrescendo systolic ejection murmur located between the second and third intercostal spaces along the left sternal border. A wide fixed splitting of the second heart sound is also found. These clinical findings are consistent with which congenital heart defect?

Atrial Septal Defect

13. An infant diagnosed with a small patent ductus arteriosus (PDA) would likely exhibit which symptom?

Lack of symptoms

14. What is the function of

erythrocytes? **Tissue oxygenation**

15. Which terms represent the correct nomenclature for benign and malignant tumors of adipose tissue, respectively?

Lipoma, liposarcoma

16. What is the chance with each pregnancy that a child born to two parents with sickle trait will have sickle cell disease

25%

17. What pulmonary defense mechanism propels a mucous blanket that entraps particles moving toward the oropharynx?

Cilia

18. The concentration of the final urine is determined by antidiuretic hormone (ADH), which is secreted by which gland?

Posterior pituitary

19. Why is the herpes virus inaccessible to antibodies after the initial infection?

The virus does not circulate in the blood

20. Which renal change is found in older adults?

Decrease in the number of nephrons

21. Which immunoglobulin is present in blood, saliva, breast milk, and respiratory secretions?

IgA

22. Which hormone prompts increased anxiety, vigilance, and arousal during a stress response?

Norepinephrine

23. Which statement is true regarding maternal antibodies provided to the neonate?

The antibodies enter circulation by means of active transport

23. The function of the tumor cell marker is to:

screen individuals for high risk of cancer

24. Which statement is true concerning a fungal infection

Phagocytes and t lymphocytes control fungal infection

25. Which change is a result of puberty and defends the vagina from infection?

Vaginal pH becomes more acidic

26. The number of persons living with a specific disease at a specific point in time is referred to by which term?

Prevalence

27. Which risk factor for hypertension is influenced by genetic factors and lifestyle?

Obesity

28. Having ejected a mature ovum, the ovarian follicle then develops into:

corpus luteum

29. The failure of bones to ossify resulting in soft bones and skeletal deformity characterizes which disorder

rickets

30. what is the term that denotes the duration of time or the intensity of pain that a person will endure before outwardly responding?

tolerance

31. Aldosterone directly increases the reabsorption of: