

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 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?

## Cilias

18. The concentration of the final urine is determined by antidiuretic hormone (AHD), 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: