

Question 1 :

Which organism is responsible for the development of syphilis?

- ☐ *Neisseria syphilis*
- ✓ ☒ **Treponema pallidum**
- ☐ *Haemophilus ducreyi*
- ☐ *Chlamydia trachomatis*

Question 2. :

Kidney stones in the upper part of the ureter would produce pain referred to which anatomical area?

- ☐ Vulva or penis
- ✓ ☒ **Umbilicus**
- ☐ Thighs
- ☐ Lower abdomen

Question 3.:

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

- ☐ Blood vessels
- ✓ ☒ **Epithelial cells**
- ☐ Connective tissue
- ☐ Glandular tissue

Question 4.

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

- ✓ ☒ **IgA**
- ☐ IgE
- ✓ ☒ **IgG**
- ☐ IgM

Question 5.

What period follows depolarization of the myocardium and represents a period during which no new cardiac potential can be propagated?

- ✓ ☒ **Refractory**
- ☐ Hyperpolarization
- ✓ ☒ **Threshold**
- ☐ Sinoatrial (SA)

**Question 6.**

**Stress-induced norepinephrine results in:**

- ☐ Pupil constriction
- ✓ ☒ **Peripheral vasoconstriction**
- ☐ Increased sweat gland secretions
- ☐ Decreased blood pressure

**Question 7.**

**What is the suggested mean blood pressure for an 8- to 9-year-old child?**

- ☐ 104/55 mm Hg
- ✓ ☒ **106/58 mm Hg**
- ☐ 112/62 mm Hg
- ☐ 121/70 mm Hg

**Question 8.**

**Graves disease is a result of:**

- Increased levels of circulating immunoglobulins
- The infiltration of the thyroid with T lymphocytes
- Autoantibodies binding to thyroid-stimulating hormone (TSH)-**receptor sites**
- Exposure to acetylates in substances such as rubber

**Question 9.**

**Which statement is *true* regarding pain and cancer?**

- Pain is primarily a result of pressure caused by the tumor.
- Pain indicates the metastasis of a cancer.
- Pain is usually the initial symptom of cancer.
- Pain is generally associated with late-stage cancer.**

**Question 10.**

**Continued therapy of pernicious anemia (PA) generally lasts**

**how long?**

- ☐ 6 to 8 weeks
- ☐ 8 to 12 months
- ☐ Until the iron level is normal
- ✓ ☒ **The rest of one's life**

**Question 11.**

**Which of the following are formed elements of the blood that are not cells but are disk-shaped cytoplasmic fragments essential for blood clotting?**

- ☐ Monocytes
- ✓ ☒ **Platelets**
- ☐ Macrophages
- ☐ Erythrocytes

**Question 12.Question :**

**The ability of the pathogen to invade and multiply in the host is referred to as:**

- ✓ ☒ **Infectivity**
- ☐ Toxigenicity
- ☐ Pathogenicity
- ☐ Virulence

**Question 13.**

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

- ✓ ☒ **The virus does not circulate in the blood.**
- ☐ It does not have antibody receptors.
- ☐ It resists agglutination.

- ☐ The virus is a soluble antigen.

Question 14.

**Which normal physiologic change occurs in the aging pulmonary system?**

- ☐ Decreased flow resistance
- ☐ Fewer alveoli
- ✓ ☒ Stiffening of the chest wall
- ☐ Improved elastic recoil

Question 15.Question :

**Which type of microorganism reproduces on the skin?**

- ☐ Viruses
- ✓ ☒ Bacteria and fungi
- ☐ Protozoa and *Rickettsiae*
- ☐ *Mycoplasma*

Question 16.

**The common hay fever allergy is expressed through a reaction that is mediated by which class of immunoglobulins?**

- ✓ ☒ IgE
- ☐ IgG
- ☐ IgM
- ☐ T cells

Question 17.

**Obesity creates a greater risk for dehydration in people because:**

- ✓ ☒ Adipose cells contain little water because fat is water repelling.
- ☐ The metabolic rate of obese adults is slower than the rate of

lean adults.

- ☐ The rate of urine output of obese adults is higher than the rate of output of lean adults.
- ☐ The thirst receptors of the hypothalamus do not function effectively.

**Question 18.**

**The World Health Organization (WHO) defines grade 1 (overweight) as a BMI of:**

- ☐ 18.5 to 24.9
- ✓ ☒ 25 to 29.9
- ☐ 30 to 39.9
- ☐ 40 to 50.9

**Question 19.**

**Which type of anemia occurs as a result of thalassemia?**

- ✓ ☒ Microcytic, hypochromic
- ☐ Microcytic, normochromic
- ☐ Macrocytic, hyperchromic
- ☐ Macrocytic, normochromic

**Question 20.**

**The area of the kidneys that contains the glomeruli and portions of the tubules is called the:**

- ☐ Medulla
- ✓ ☒ Cortex
- ☐ Pyramids
- ☐ Columns

**Question 21.**

**At birth, which statement is *true*?**

- ☐ Systemic resistance and pulmonary resistance fall.
- ✓ ☒ Gas exchange shifts from the placenta to the lung.
- ☐ Systemic resistance falls and pulmonary resistance rises.

- ☐ Systemic resistance and pulmonary resistance rise.

**Question 22.**

**On average, what percent of cardiac output do the kidneys receive?**

- ☐ 10% to 20%
- ☐ 15% to 20%
- ✓ ☒ 20% to 25%
- ☐ 30% to 35%

**Question 23.**

**How is the effectiveness of vitamin B<sub>12</sub> therapy measured?**

- ✓ ☒ Reticulocyte count
- ☐ Serum transferrin
- ☐ Hemoglobin
- ☐ Serum vitamin B<sub>12</sub>

**Question 24.**

**What characteristic do atopic individuals have that make them genetically predisposed to develop allergies?**

- ☐ Greater quantities of histamine
- ☐ More histamine receptors
- ✓ ☒ Greater quantities of IgE
- ☐ A deficiency in epinephrine

**Question 25.**

**What is the major virus involved in the development of cervical cancer?**

- ☐ Herpes simplex virus type 6
- ☐ Herpes simplex virus type 2
- ✓ ☒ Human papillomavirus
- ☐ Human immunodeficiency virus