



NURS 6501 Module 4 Week 6 Midterm Exam (Fall 21)

Advanced Pathophysiology (Walden University)



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NURS 6501 Mid Term


Question with 100% Correct Answers


Results Displayed: Selected Answers and Correct Answers.

Question 1

0 out of 0 points

When completing this quiz, did you comply with Walden University's Code of Conduct including the expectations for academic integrity?


Selected Answer:  Yes


Correct Answer:  Yes

Question 2

1 out of 1 points

How should the nurse prepare a patient who is to receive a Schilling test for pernicious anemia?


Selected Answer:  a.
Administer radioactive cobalamin and measure its excretion in the urine.


Correct Answer:  a.
Administer radioactive cobalamin and measure its excretion in the urine.

Question 3

1 out of 1 points

A staff member wants to know where the greatest proportion of iron is located. How should the nurse respond? The greatest proportion of total body iron is located in the:

Selected Answer:  a.
Erythrocytes

Correct Answer:  a.
Erythrocytes

Question 4

1 out of 1 points

A 21-year-old female was recently diagnosed with iron deficiency anemia. In addition to fatigue and weakness, which of the following clinical signs and symptoms would she most likely exhibit?

Selected Answer: ☒ b.
Spoon-shaped nails

Correct Answer: ☒ b.
Spoon-shaped nails

Question 5

1 out of 1 points

The people from which country have the lowest risk for Hodgkin lymphoma?

Selected Answer: ☒ b.
Japan

Correct Answer: ☒ b.
Japan

Question 6

1 out of 1 points

During an infection, the nurse assesses the lymph nodes. Lymph nodes enlarge and become tender because:

Selected Answer: ☒ a.
Lymphocytes are rapidly dividing.

Correct Answer: ☒ a.
Lymphocytes are rapidly dividing.

Question 7

1 out of 1 points

A nurse monitors for the most common childhood cancer, which is:

Selected Answer: ☒ a.
Acute lymphoblastic leukemia (ALL)

Correct Answer: ☒ a.
Acute lymphoblastic leukemia (ALL)

Question 8

1 out of 1 points

A 35-year-old female is diagnosed with vitamin B12 deficiency anemia (pernicious anemia). How should the nurse respond when the patient asks what causes pernicious anemia? A decrease in _____ is the most likely cause.

Selected Answer: ☒ c.
Intrinsic factor

Correct Answer: ☒ c.
Intrinsic factor

Question 9

1 out of 1 points

The nurse will check which of the following tests to directly measure iron stores?

Selected Answer: ☒ c.
Bone marrow biopsy

Correct Answer: ☒ c.
Bone marrow biopsy

Question 10

1 out of 1 points

When a nurse is reviewing lab results and notices that the erythrocytes contain an abnormally low concentration of hemoglobin, the nurse calls these erythrocytes:

Selected Answer: ☒ b.
Hypochromic

Correct Answer: ☒ b.
Hypochromic

Question 11

1 out of 1 points

A 65-year-old male experienced loss of appetite, weight loss, lemon-yellow skin, liver

enlargement, and a beefy red tongue shortly before his death. Autopsy suggested pernicious anemia, and the cause of death would most likely reveal:

Selected Answer: ☒ c.
Heart failure

Correct Answer: ☒ c.
Heart failure

Question 12

1 out of 1 points

A 5-year-old male was diagnosed with normocytic-normochromic anemia. Which of the following anemias does the nurse suspect the patient has?

Selected Answer: ☒ b.
Hemolytic anemia

Correct Answer: ☒ b.
Hemolytic anemia

Question 13

1 out of 1 points

A 10-year-old male presents with abdominal swelling, night sweats, fever, and weight loss. He is diagnosed with Burkitt lymphoma. Upon obtaining the history, which of the following is the most likely cause?

Selected Answer: ☒ d.
Epstein-Barr virus (EBV)

Correct Answer: ☒ d.
Epstein-Barr virus (EBV)

Question 14

1 out of 1 points

A 62-year-old female tells her health care provider she has been experiencing regular night sweats that cause her to wake up drenched. She also remarks that she has been unintentionally losing weight. Physical exam reveals enlarged lymph nodes on her neck that do not appear to be painful. She should be screened for which of the following cancers?

Selected Answer: ☒ b.
Hodgkin lymphoma

Correct Answer: ☒ b.
Hodgkin lymphoma

Question 15

1 out of 1 points

An adult patient's blood sample is analyzed in a laboratory. Assuming a normal sample, which type of white blood cell accounts for the highest percentage?

Selected Answer: ☒ a.
Neutrophils

Correct Answer: ☒ a.
Neutrophils

Question 16

1 out of 1 points

A 52-year-old male IV drug user was diagnosed with hepatitis C 5 years ago. He is now experiencing impaired blood clotting. The nurse suspects a decrease in which of the following vitamins?

Selected Answer: ☒ a.
K

Correct Answer: ☒ a.
K

Question 17

1 out of 1 points

A newborn baby is diagnosed with a blood disorder in which her platelet count is low. Which of the following does the nurse suspect could be the reason?

Selected Answer: ☒ c.
Decreased thrombopoietin

Correct Answer: ☒ c.
Decreased thrombopoietin

Question 18

1 out of 1 points

A 15-year-old male is diagnosed with infectious mononucleosis. When the patient asks how he got this disease, how should the nurse respond? The most likely cause is:

Selected Answer: ☒ b.
Epstein-Barr virus (EBV)

Correct Answer: ☒ b.
Epstein-Barr virus (EBV)

Question 19

1 out of 1 points

A 45-year-old female undergoes a splenectomy to remove a tumor. Which of the following assessment finding is most likely to occur following surgery?

Selected Answer: ☒ a.
Leukocytosis

Correct Answer: ☒ a.
Leukocytosis

Question 20

1 out of 1 points

After initial compensation, what hemodynamic change should the nurse monitor for in a patient who has a reduction in the number of circulating erythrocytes?

Selected Answer: ☒ d.
Hyperdynamic circulatory state

Correct Answer: ☒ d.
Hyperdynamic circulatory state

Question 21

1 out of 1 points

A 50-year-old female is diagnosed with primary thrombocythemia. A nurse would expect the blood smear to reveal ___ platelets.

Selected Answer: ☒ d.
Overproduced

Correct Answer: ☒ d.
Overproduced

Question 22

1 out of 1 points

A nurse is teaching the staff about platelets. Which information should the nurse include? In addition to playing a role in hemostasis, platelets have the ability to:

- Selected Answer: ☒ b.
Release biochemical mediators of inflammation
- Correct Answer: ☒ b.
Release biochemical mediators of inflammation

Question 23

1 out of 1 points

A 60-year-old female emphysema patient experiences a rapid and pounding heart, dizziness, and fatigue with exertion. Which of the following respiratory assessment findings indicate the respiratory system is compensating for the increased oxygen demand?

- Selected Answer: ☒ b.
Increased rate and depth of breathing
- Correct Answer: ☒ b.
Increased rate and depth of breathing

Question 24

1 out of 1 points

A 25-year-old female has a heavy menses during which she loses a profuse amount of blood. Which of the following adaptations should the nurse expect?


- Selected Answer: ☒ d.
Peripheral vasoconstriction
- Correct Answer: ☒ d.
Peripheral vasoconstriction

Question 25

1 out of 1 points

A newborn is diagnosed with congenital intrinsic factor deficiency. Which of the following types of anemia will the nurse see documented on the chart?


- Selected Answer: ☒ b.


Correct Answer:  b.
Pernicious anemia

Question 26

1 out of 1 points

In disseminated intravascular coagulation (DIC), the nurse assesses for active bleeding after intravascular clotting because:


Selected Answer:  b.
Clotting factors are depleted.


Correct Answer:  b.
Clotting factors are depleted.

Question 27

1 out of 1 points

Thrombocytopenia may be:


Selected Answer:  c.
Congenital or acquired


Correct Answer:  c.
Congenital or acquired

Question 28

1 out of 1 points

A 35-year-old male with hyperthyroidism begins treatment to decrease thyroid activity. A nurse monitors for which of the following conditions that could result secondary to the treatment?

Selected Answer:  b. Basophilia

Correct Answer:  b.
Basophilia

Question 29

1 out of 1 points

A 20-year-old female undergoes lab testing for anemia. Results show high iron, bilirubin, and transferrin and low hemoglobin and hematocrit. Which of the following is the most likely diagnosis to be documented on the chart?

Selected Answer: ☒ a.
Pernicious anemia

Correct Answer: ☒ a.
Pernicious anemia

Question 30

1 out of 1 points

While reviewing lab results, the nurse recalls the most abundant cells in the blood are:

Selected Answer: ☒ c.
Erythrocytes

Correct Answer: ☒ c.
Erythrocytes

Question 31

1 out of 1 points

While checking lab results, the nurse remembers the normal leukocyte count is:

Selected Answer: ☒ b.
5,000-10,000/mm³

Correct Answer: ☒ b.
5,000-10,000/mm³

Question 32

1 out of 1 points

A 45-year-old male is diagnosed with macrocytic, normochromic anemia. The nurse suspects the most likely cause of this condition is:


Selected Answer: ☒ a.
Defective DNA synthesis


Correct Answer: ☒ a.
Defective DNA synthesis

Question 33

1 out of 1 points

A 5-year-old female is diagnosed with acute leukemia. The nurse will most likely treat this patient with:


Selected Answer:  c.
Chemotherapy


Correct Answer:  c.
Chemotherapy

Question 34

1 out of 1 points

Which major symptom in a patient with sickle cell anemia indicates to the nurse, the patient is experiencing a vaso-occlusive crisis?


Selected Answer:  b.
Pain


Correct Answer:  b.
Pain

Question 35

1 out of 1 points

A nurse is caring for a patient who cannot clot. Which end product of the clotting cascade is this patient unable to make?

Selected Answer:  d. Fibrin

Correct Answer:  d.
Fibrin

Question 36

1 out of 1 points

A 58-year-old female presents in the clinic presenting with fatigue, weight loss, and tingling in her fingers. Laboratory findings show low hemoglobin and hematocrit, a high mean corpuscular volume, and normal plasma iron. These assessment findings are consistent with which type of anemia?

Selected Answer:  b.

Correct Answer: ☒ b.
Pernicious anemia

Question 37

1 out of 1 points

A 3-year-old is making play cakes in a sandbox and is eating the play cakes. The sand was also being used by cats as a litter box and was contaminated with toxoplasmosis. Which of the following would most likely also be present?

Selected Answer: ☒ a.
Granuloma formation

Correct Answer: ☒ a.
Granuloma formation

Question 38

1 out of 1 points

An 8-year-old female presents with edema of the cutaneous and mucosal tissue layers. Her mother reports that the condition is recurrent and seems to occur more often during stressful situations. The child is diagnosed with hereditary angioedema. Which of the following is deficient in this child?

Selected Answer: ☒ a.
C1 esterase
inhibitor

Correct Answer: ☒ a.
C1 esterase
inhibitor

Question 39

1 out of 1 points

When the maternal immune system becomes sensitized against antigens expressed by the fetus, what type of immune reaction occurs?

Selected Answer:  c.

Alloimmune

Correct Answer:  c.

Alloimmune

Question 40

1 out of 1 points

A patient has a tissue growth that was diagnosed as cancer. Which of the following terms best describes this growth?

Selected Answer:  a.

Neoplasm

Correct Answer:  a.

Neoplasm


Question 41

1 out of 1 points

Stress induces sympathetic stimulation of the adrenal medulla. This causes the secretion of catecholamines, which include:

Selected Answer:  c.

Epinephrine and norepinephrine

Correct Answer:  c.

Epinephrine and norepinephrine

Question 42

1 out of 1 points

During inflammation, the liver is stimulated to release plasma proteins, collectively known

as: Selected Answer:  b.

Acute phase reactants

Correct Answer:  b.

Acute phase reactants

Question 43

1 out of 1 points

A 5-month-old child is admitted to the hospital with recurring respiratory infections. A possible cause of this condition is:

Selected Answer:  c.

Immune insufficiency

Correct Answer:  c.

Immune insufficiency

Question 44

1 out of 1 points

A child fell off the swing and scraped the right knee. The injured area becomes painful. What else will the nurse observe upon assessment?

Selected Answer:  d.

Edema at injured site

Correct Answer:  d.

Edema at injured site

Question 9

1 out of 1 points

Which of the following patients would be at greatest risk for basal cell carcinoma?

Selected Answer:  d.

Light complexion, light eyes, fair hair

Correct Answer:  d.

Light complexion, light eyes, fair hair

Question 45

1 out of 1 points

A 30-year-old male is having difficulty breathing and has been spitting blood. He reports that he began experiencing this reaction after cleaning his pigeons' cages. Testing reveals he is suffering from allergic alveolitis. Which of the following is he experiencing?

Selected Answer:  d.

Arthus reaction

Correct Answer:  d.

Arthus reaction

Question 46

1 out of 1 points

Which of the following individuals would be at greatest risk for an opportunistic

infection? Selected Answer:  c.

24-year-old who is immunocompromised


Correct Answer:  c.


24-year-old who is immunocompromised

Question 47

1 out of 1 points

A 35-year-old male is diagnosed with lobar pneumonia (lung infection). Which of the following exudates would be present in highest concentration at the site of this advanced inflammatory response?


Selected Answer:  d.
Fibrinous


Correct Answer:  d.
Fibrinous

Question 48

1 out of 1 points

A 35-year-old male is diagnosed with a hormone-secreting tumor of the adrenal medulla. He experiences elevated blood pressure, pupil dilation, “goose bumps,” and increased anxiety. Which of the following hormones is the predominant one released by the tumor?


Selected Answer:  c.
Norepinephrine

Correct Answer:  c.
Norepinephrine

Question 49

1 out of 1 points

Which patient will develop active immunity? A patient who:

Selected Answer:  a.
Has natural exposure to an antigen or receives an immunization


Correct Answer:  a.

Has natural exposure to an antigen or receives an immunization

Question 50

1 out of 1 points

A 30-year-old female is diagnosed with cancer. Testing reveals that the cancer cells have spread to local lymph nodes. A nurse realizes this cancer would be documented as stage:

Selected Answer:  c.

3

Correct Answer:  c.

3

Question 16

1 out of 1 points

An infant develops a fever secondary to a bacterial infection. Which of the following most likely triggered the fever?

Selected Answer:  a.

Interleukin-1

Correct Answer:  a.

Interleukin-1

Question 51

1 out of 1 points

A 45-year-old male presents with persistent, severe stomach pain. Testing reveals a peptic ulcer. Further laboratory tests reveal the presence of *Helicobacter pylori*. Which of the following is of concern for this patient?

Selected Answer:  a.

Gastric cancer

Correct Answer:

☒ a.

Gastric cancer

Question 52

1 out of 1 points

After teaching about stress, which information indicates a correct understanding of stress?

Selected Answer:

☒ b.

It can be viewed as transactional.

Correct Answer:

☒ b.

It can be viewed as transactional.

Question 52

1 out of 1 points

When histamine is released in the body, which of the following responses would the nurse expect?

Selected Answer:

☒ b.

Edema

Correct Answer:

☒ b.

Edema

Question 53

1 out of 1 points

Which of the following hormones activates adrenergic

receptors? Selected Answer: ☒ c.

Epinephrine

Correct Answer:  c.

Epinephrine

Question 54

1 out of 1 points

A patient has a disease state that results from the secretion of toxins by bacteria. Which medical diagnosis will the nurse see documented on the chart?

Selected Answer:  b.

Tetanus

Correct Answer:  b.

Tetanus


Question 55

1 out of 1 points

Exhaustion occurs if stress continues and _____ is not successful.

Selected Answer:  c.

Adaptation

Correct Answer:  c.

Adaptation

Question 56

1 out of 1 points

When a patient asks the nurse what hypersensitivity is, how should the nurse respond?
Hypersensitivity is best defined as:

Selected
Answer:  c.

An excessive or inappropriate response of the immune system to a sensitizing antigen

Correct
Answer:

✔c.

An excessive or inappropriate response of the immune system to a sensitizing antigen

Question 57

1 out of 1 points

A 30-year-old male was diagnosed with HIV. Which of the following treatments would be most effective?

Selected Answer:

✔d.

Highly active antiretroviral therapy (HAART)

Correct Answer:

✔d.

Highly active antiretroviral therapy (HAART)

Question 58

1 out of 1 points

A patient presents with poison ivy on the extremities, face, and buttocks. This condition is an example of:

Selected Answer:

✔c.

Delayed hypersensitivity

Correct Answer:

✔c.

Delayed hypersensitivity

Question 59

1 out of 1 points

A 34-year-old female was recently diagnosed with RA. Physical examination revealed that inflammation started in the:

Selected Answer:  a.

Synovial membrane


Correct Answer:  a.

Synovial membrane

Question 60

1 out of 1 points

In discoid lupus erythematosus, skin lesions may be accompanied by Raynaud phenomenon, which is manifested by:

Selected Answer:  b.

Vasospasm in the extremities

Correct Answer:  b.

Vasospasm in the extremities


Question 61

1 out of 1 points

When trying to distinguish between an infectious disease and noninfectious disease, what is the hallmark symptom for most infectious diseases?

Selected Answer:  a.

Fever

Correct Answer:  a.

Fever

Question 62

1 out of 1 points

A 76-year-old female was diagnosed with osteoporosis by radiologic exam. She is at high risk for:

Selected Answer:  c.

Pathologic bone fractures

Correct Answer:  c.

Pathologic bone fractures

Question 63

1 out of 1 points

A 4-month-old female is diagnosed with atopic dermatitis (AD). Which of the following assessment findings by the nurse will most likely support this diagnosis?

Selected Answer:  c.

Dry, itchy skin

Correct Answer:  c.

Dry, itchy skin

Question 64

1 out of 1 points

When bacterial pathogens enter a patient's body, they can defend themselves from an immune response by:

Selected Answer:  a.

Producing capsules

Correct Answer:  a.

Producing capsules

Question 65

1 out of 1 points

A 2-month-old female develops diaper dermatitis. A nurse will monitor this patient for which secondary infection that frequently accompanies diaper dermatitis?

Selected Answer:  c.

Candida albicans

Correct Answer:  c.

Candida albicans

Question 66

1 out of 1 points

Copy of A 5-year-old female was diagnosed with seropositive juvenile rheumatoid arthritis (RA). The treatment option for this disease is termed:

Selected Answer:  a.

Supportive

Correct Answer:  a.

Supportive

Question 67

1 out of 1 points

A 42-year-old female presents with raised red lesions with a brownish scale. She was diagnosed with discoid lupus erythematosus. A clinician recalls this disorder is related to:

Selected Answer:  c.

Autoimmunity

Correct Answer:  c.

Autoimmunity

Question 68

1 out of 1 points

A 50-year-old male recently underwent a liver transplant and is taking immunosuppressive drugs. He now has painful vesicular eruptions on the face and trunk. He reports that he had chickenpox as a child. Which of the following is the most likely diagnosis based on his chicken pox history?

Selected Answer:  d.

Herpes zoster

Correct Answer:  d.

Herpes zoster

Question 69

1 out of 1 points

When a nurse cares for a patient with systemic lupus erythematosus (SLE), the nurse remembers this disease is an example of:

Selected Answer:  a.

Autoimmunity

Correct Answer:  a.

Autoimmunity

Question 70

1 out of 1 points

The final stage of gout, characterized by crystalline deposits in cartilage, synovial membranes, and soft tissue, is called:

Selected Answer:  b.

Tophaceous gout

Correct Answer:  b.

Tophaceous gout

Question 71

1 out of 1 points

A 4-month-old male is brought to his primary care provider for severe itching and skin lesions. He is diagnosed with atopic dermatitis. Which of the following would be elevated in this patient?

Selected Answer:  c.

Immunoglobulin E (IgE)

Correct Answer:  c.

Immunoglobulin E (IgE)

Question 72

1 out of 1 points

Tinea corporis (ringworm) is a _____ infection of the skin.

Selected Answer:  b.

Fungal

Correct Answer:  b.

Fungal

Question 73

1 out of 1 points

Researchers now believe that RA is:

Selected Answer:  b.

An autoimmune disease

Correct Answer:  b.

An autoimmune
disease