

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:

Correctb. Tetanus

Correct Answer:

Correctb. Tetanus

Question 2

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:

Correcta. Interleukin-1

Correct Answer:

Correcta. Interleukin-1

Question 3

1 out of 1 points

Exhaustion occurs if stress continues and \_\_\_\_\_ is not successful.

Selected Answer:

Correctc. Adaptation

Correct Answer:

Correctc. Adaptation

Question 4

1 out of 1 points

When a patient presents at the emergency department for an allergic reaction, the nurse recognizes the most severe consequence of a type I hypersensitivity reaction is:

Selected Answer:

Correctc. Anaphylaxis

Correct Answer:

Correctc. Anaphylaxis

Question 5

1 out of 1 points

Which of the following hormones activates adrenergic receptors?

Selected Answer:

Correctc. Epinephrine

Correct Answer:

Correctc. Epinephrine

Question 6

1 out of 1 points

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

Selected Answer:

Correctc. 24-year-old who is immunocompromised

Correct Answer:

Correctc. 24-year-old who is immunocompromised

Question 7

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:

Correcta. Neoplasm

Correct Answer:

Correcta. Neoplasm

Question 8

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:

Correctc. Norepinephrine

Correct Answer:

Correctc. Norepinephrine

Question 9

1 out of 1 points

A 50-year-old female experiences decreased blood pressure, decreased oxygen delivery, cardiovascular shock, and subsequent death. A complication of endotoxic shock is suspected. Which of the following is the most likely cause?

Selected Answer:

Correctc. Gram-negative bacteria

Correct Answer:

Correctc. Gram-negative bacteria

Question 10

0 out of 1 points

A 30-year-old female presents to her primary care provider reporting fatigue, excessive sweating, and increased appetite. Physical examination reveals protruding eyes, and laboratory testing reveals hyperthyroidism secondary to autoantibody production. This disorder falls into the category of type \_\_\_\_\_ hypersensitivity.

Selected Answer:

Incorrectb. II

Correct Answer:

Correctd. IV

Question 11

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:

Correcta. Granuloma formation

Correct Answer:

Correcta. Granuloma formation

Question 12

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:

Correctc. 3

Correct Answer:

Correctc. 3

Question 13

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:

Correctd. Arthus reaction

Correct Answer:

Correctd. Arthus reaction

Question 14

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:

Correctc. Immune insufficiency

Correct Answer:

Correctc. Immune insufficiency

Question 15

1 out of 1 points

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

Selected Answer:

Correctb. Acute phase reactants

Correct Answer:

Correctb. Acute phase reactants

Question 16

1 out of 1 points

A 10-year-old male is stung by a bee while playing in the yard. He begins itching and develops pain, swelling, redness, and respiratory difficulties. He is suffering from:

Selected Answer:

Correctc. Anaphylaxis

Correct Answer:

Correctc. Anaphylaxis

Question 17

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:

Correctc. Alloimmune

Correct Answer:

Correctc. Alloimmune

Question 18

1 out of 1 points

While planning care for children with cancer, which information should the nurse remember? Most childhood cancers originate from the:

Selected Answer:

Correctc. Mesodermal germ layer

Correct Answer:

Correctc. Mesodermal germ layer

Question 19

1 out of 1 points

A 20-year-old male shoots his hand with a nail gun while replacing roofing shingles. Which of the following cell types would be the first to aid in killing bacteria to prevent infection in his hand?

Selected Answer:

Correctb. Neutrophils

Correct Answer:

Correctb. Neutrophils

Question 20

1 out of 1 points

A nurse recalls an example of an immune-complex-mediated disease is:

Selected Answer:

Correctc. Serum sickness

Correct Answer:

Correctc. Serum sickness

Question 21

1 out of 1 points

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

Selected Answer:

Correctc. Epinephrine and norepinephrine

Correct Answer:

Correctc. Epinephrine and norepinephrine

Question 22

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:

Correcta. Gastric cancer

Correct Answer:

Correcta. Gastric cancer

Question 23

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:

Correctd. Fibrinous

Correct Answer:

Correctd. Fibrinous

Question 24

1 out of 1 points

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

Selected Answer:

Correctb. It can be viewed as transactional.

Correct Answer:

Correctb. It can be viewed as transactional.

Question 25

1 out of 1 points

A 65-year-old female is diagnosed with metastatic breast cancer. She has developed muscle wasting. Which of the following substances would be produced in large quantities to eliminate the tumor cells and cause muscle wasting?

Selected Answer:

Correctc. Tumor necrosis factor

Correct Answer:

Correctc. Tumor necrosis factor

Question 26

1 out of 1 points

After studying about viruses, which information indicates the student has a good understanding of viruses? Viruses:

Selected Answer:

Correctc. Replicate their genetic material inside host cells

Correct Answer:

Correctc. Replicate their genetic material inside host cells

Question 27

1 out of 1 points

A 54-year-old male was recently diagnosed with rheumatoid arthritis (RA). Which of the following is the expected treatment of choice?

Selected Answer:

Correctc. Methotrexate

Correct Answer:

Correctc. Methotrexate

Question 28

1 out of 1 points

A 46-year-old male presents with severe pain, redness, and tenderness in the right big toe. He was diagnosed with gouty arthritis. The symptoms he experienced are caused by the crystallization of \_\_\_\_\_ within the synovial fluid.

Selected Answer:

Correctc. Uric acid

Correct Answer:

Correctc. Uric acid

Question 29

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:

Correctc. Autoimmunity

Correct Answer:

Correctc. Autoimmunity

Question 30

1 out of 1 points

A 5-year-old male is diagnosed with tinea corporis following development of lesions on the non-hairy parts of his face, trunk, and limbs. A common source of this condition is a:

Selected Answer:

Correcta. Kitten

Correct Answer:

Correcta. Kitten

Question 31

1 out of 1 points

Fibromyalgia is a chronic musculoskeletal disorder characterized by:

Selected Answer:

Correctd. Diffuse pain, fatigue, and tender points

Correct Answer:

Correctd. Diffuse pain, fatigue, and tender points

Question 32

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:

Correcta. Synovial membrane

Correct Answer:

Correcta. Synovial membrane

Question 33

1 out of 1 points

A 70-year-old female presents with a hip fracture secondary to osteoporosis. This condition is caused by an increase in bone:

Selected Answer:

Correctc. Resorption

Correct Answer:

Correctc. Resorption

Question 34

0 out of 1 points

A patient has chicken pox. How does the varicella replicate?

Selected Answer:

Incorrectd. In the cytoplasm

Correct Answer:

Correctb. Using host cell RNA

Question 35

1 out of 1 points

A 40-year-old female is diagnosed with SLE. Which of the following findings would be considered a symptom of this disease?

Selected Answer:

Correctd. Photosensitivity

Correct Answer:

Correctd. Photosensitivity

Question 36

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:

Correctc. Pathologic bone fractures

Correct Answer:

Correctc. Pathologic bone fractures

Question 37

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:

Correctb. Tophaceous gout

Correct Answer:

Correctb. Tophaceous gout

Question 38

1 out of 1 points

A 3-year-old male develops tinea capitis after playing with the family dog. This infection is caused by a:

Selected Answer:

Correcta. Fungus

Correct Answer:

Correcta. Fungus

Question 39

1 out of 1 points

Researchers now believe that RA is:

Selected Answer:

Correctb. An autoimmune disease

Correct Answer:

Correctb. An autoimmune disease

Question 40

1 out of 1 points

A 51-year-old male experienced severe acute gouty arthritis. Which of the following is the most common trigger for the symptoms?

Selected Answer:

Correcta. Trauma

Correct Answer:

Correcta. Trauma

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