

# NURS 6501 Final Exam

## Questions with 100% Correct Answers

Results Displayed: Selected Answers and Correct Answers

### Question 1

1 out of 1 points

An aide asks the nurse why people who have neurofibromatosis will show varying degrees of the disease. Which genetic principle should the nurse explain to the aide?

Selected Answer:  b.  
Expressivity

Correct Answer:  b.  
Expressivity

### Question 2

1 out of 1 points

Why is potassium able to diffuse easily in and out of cells?

Selected Answer:  c.  
Because the resting plasma membrane is more permeable to potassium

Correct Answer:  c.  
Because the resting plasma membrane is more permeable to potassium

### Question 3

1 out of 1 points

A 15-year-old female is diagnosed with Prader-Willi syndrome. This condition is an example of:

Selected Answer:  a.  
Gene imprinting

Correct Answer:  a.  
Gene imprinting

### Question 4

1 out of 1 points

A nurse is reading a chart and sees the term oncotic pressure. The nurse recalls that oncotic pressure (colloid osmotic pressure) is determined by:

Selected Answer:  b.  
Plasma proteins

Correct Answer:  b.

## Plasma proteins

### Question 5

1 out of 1 points

During childhood, the thymus decreases in size, and this is referred to as \_\_\_\_\_ atrophy.

Selected Answer:  a.  
Physiologic

Correct Answer:  a.  
Physiologic

### Question 6

1 out of 1 points

What is the role of cytokines in cell reproduction?

Selected Answer:  a.  
Provide growth factor for tissue growth and development

Correct Answer:  a.  
Provide growth factor for tissue growth and development

### Question 7

1 out of 1 points

When a patient asks what causes cystic fibrosis, how should the nurse respond? Cystic fibrosis is caused by an \_\_\_\_\_ gene.

Selected Answer:  d.  
Autosomal recessive

Correct Answer:  d.  
Autosomal recessive

### Question 8

1 out of 1 points

A patient has a heart attack that leads to progressive cell injury that causes cell death with severe cell swelling and breakdown of organelles. What term would the nurse use to define this process?

Selected Answer:  d.  
Necrosis

Correct Answer:  d.  
Necrosis

### Question 9

1 out of 1 points

A eukaryotic cell is undergoing DNA replication. In which region of the cell would most of the genetic information be contained?