

Question 1

Microfilaments are made of _____.

- A) actin
- B) tubulin
- C) phospholipids
- D) intermediate proteins

Answer: <https://biology-forums.com/index.php?topic=610707>

Question 2

Prostaglandins may act as local signaling molecules in the uterus, causing _____.

Answer: <https://biology-forums.com/index.php?topic=611446>

Question 3

Which of the following is a correctly written scientific name?

- A) Acer pensylvanicum
- B) homo sapiens
- C) musca domesticus
- D) Australopithecus afarensis

Answer: <https://biology-forums.com/index.php?topic=611250>

Question 4

Of the following, the social trend that would cause the fastest population increase is _____.

- A) decreasing age of first pregnancy
- B) more older men getting married
- C) declining fecundity
- D) lower nutritional values

Answer: <https://biology-forums.com/index.php?topic=611347>

Question 5

Normally, children cannot easily make understandable sentences until they are _____.

- A) 36 months old
- B) 12 months old
- C) 8 months old
- D) 24 months old

Answer: <https://biology-forums.com/index.php?topic=611918>

Question 6

Heart block is a condition in which the SA node is properly functioning but the atria and ventricles are contracting out of synch. Which of the following statements explains why this happens?

- A) The coronary arteries are not delivering blood to the heart.
- B) The AV node is not sending signals to the ventricles as it should.
- C) The heart valves are allowing blood to flow backward through the heart.
- D) The SA node is working extra hard to make the ventricles catch up.

Answer: <https://biology-forums.com/index.php?topic=611563>

Question 7

Lewis had a hereditary disorder that caused his cochlear hair cells to progressively die, beginning with those nearest to the oval window and then on to the rest of the hair cells. What will be the earliest problem noticed?

- A) vertigo
- B) color blindness
- C) high-frequency deafness
- D) anosmia

Answer: <https://biology-forums.com/index.php?topic=611072>

Question 8

Antibodies do all of these things except _____.

- A) stimulate helper T cells
- B) neutralize toxins
- C) activate complement cascade
- D) attract phagocytes

Answer: <https://biology-forums.com/index.php?topic=611600>

Question 9

Recently, the bones (not fossils) of a possible new species of humans (in the genus Homo) have been found on an island in Indonesia (an island nation southeast of Asia). Using radiometric dating, scientists can show that these people were alive as recently as 17,000 years ago. According to the information in this chapter, why do you think they probably used tools?

Answer: <https://biology-forums.com/index.php?topic=611288>

Question 10

The _____ is a tube that conducts sperm from the epididymis to the urethra.

Answer: <https://biology-forums.com/index.php?topic=611832>

Question 11

A person with this lung disease experiences a loss of elastic tissue, which makes it hard to exhale.

- A) pneumonia
- B) tuberculosis
- C) influenza
- D) emphysema

Answer: <https://biology-forums.com/index.php?topic=611673>

Question 12

Marsha says she sometimes has ketoacidosis. What kind of diabetes is she more likely to have, and how did she develop ketoacidosis? Why is ketoacidosis dangerous, and how can she detect it in time?

Answer: <https://biology-forums.com/index.php?topic=611464>

Question 13

Which of the following membranes covers the outside of the body and has waterproofing properties?

- A) cutaneous
- B) synovial
- C) serous
- D) basement

Answer: <https://biology-forums.com/index.php?topic=610756>

Question 14

What is the difference between covalent and ionic bonds?

- A) Covalent bonds involve the sharing of electrons, whereas ionic bonds involve the transfer of electrons from one atom to another.
- B) Covalent bonds involve the sharing of electrons, whereas ionic bonds involve the sharing of protons.
- C) Covalent bonds involve the attraction between slightly charged molecules, whereas ionic bonds involve the attraction between two fully charged ions.
- D) Covalent bonds involve the sharing of neutrons, whereas ionic bonds involve the attraction of slightly charged atoms.

Answer: <https://biology-forums.com/index.php?topic=610656>

Question 15

The _____ are endocrine cells that occur in small clusters in the pancreas.

Answer: <https://biology-forums.com/index.php?topic=611438>

Question 16

Developmental problems present at birth are known as _____.

- A) birth defects
- B) type 2 diabetes
- C) gastrulation
- D) teratogenic

Answer: <https://biology-forums.com/index.php?topic=611875>

Question 17

Imagine a chart showing the number of people in different age groups (0 to 5 years old) as blocks in proportion to the number of people in each age group. If each of these age blocks is shown stacked with the youngest at the bottom and the oldest at the top, what shape will the whole stack assume when there is a rapid population doubling time?

- A) inverted pyramid
- B) expanding pyramid
- C) uniform column
- D) hourglass

Answer: <https://biology-forums.com/index.php?topic=611355>

Question 18

If the atmospheric layer known as the _____ were to disappear, we would be exposed to intense ultraviolet radiation.

Answer: <https://biology-forums.com/index.php?topic=611273>

Question 19

A mother brings a child into the ER with a severe nosebleed that won't stop bleeding. She also tells the doctors that the child bruises very easily in response to very minor accidents. Given the information in the text, the doctor orders some tests and finds that the young boy has _____.

- A) embolus
- B) anemia
- C) hemophilia
- D) leukemia

Answer: <https://biology-forums.com/index.php?topic=611514>

Question 20

Briefly explain osteoporosis, and identify preventive measures a person can take to reduce the risk of this condition.

Answer: <https://biology-forums.com/index.php?topic=610852>