

Boost up Your Certification Score

WGU

Introduction-to-Biology

WGU Introduction to Biology (KBC1, C190) Exam



For More Information – Visit link below:

<https://www.examsboost.com/>

Product Version

- ✓ Up to Date products, reliable and verified.
- ✓ Questions and Answers in PDF Format.

Latest Version: 6.0

Question: 1

A researcher studies an organism with these traits: ~0.3 μm size, cell membrane enclosing contents, free ribosomes in cytoplasm, and genetic material loosely distributed in the cytoplasm. Which statement is true?

- A. It is a eukaryote with both a cell membrane and cell wall.
- B. It is a eukaryote because it contains ribosomes.
- C. It is a prokaryote because it lacks a nucleus.
- D. It is a prokaryote because it is microscopic.

Answer: C

Question: 2

Which molecule is produced by photosynthesis?

- A. Oxygen
- B. Carbon dioxide
- C. NADH
- D. Water

Answer: A

Question: 3

Transcription of RNA from DNA occurs in which eukaryotic organelle ?

- A. Nucleus
- B. Endoplasmic reticulum
- C. Golgi apparatus
- D. Chloroplast

Answer: A

Question: 4

Caribou dig through snow to find food. Afterward, arctic foxes use the fresh holes to search for their own food. What interaction occurs?

- A. Competition
- B. Predation
- C. Parasitism
- D. Commensalism

Answer: D

Question: 5

What is the name of the structure that joins two sister chromatids together?

- A. Nucleus
- B. Chromosome
- C. Histone
- D. Centromere

Answer: D

Question: 6

The human MN blood group is determined by two codominant alleles (M and N). In one family, all offspring are MN . What are the most probable genotypes of the parents?

- A. MN and MN
- B. NN and MN
- C. MM and NN
- D. MM and MN

Answer: C

Question: 7

A cell is bounded by a cell wall and has an organelle that performs photosynthesis . Which type of eukaryotic cell and organelle are described?

- A. Plant; chloroplast
- B. Animal; Golgi apparatus
- C. Both plant and animal; mitochondria
- D. Animal; ribosome

Answer: A

Question: 8

The Boreal forest includes trees (pine, spruce) and animals (lynx, elk) harvested for energy, food, or trade. Which activity would negatively impact biodiversity there?

- A. Increasing use of renewable (instead of nonrenewable) energy
- B. Increasing human population
- C. Decreasing logging throughout the Boreal forest
- D. Decreasing human population

Answer: B

Question: 9

Which molecule is an input to the light-dependent reactions of photosynthesis?

- A. Oxygen
- B. Water
- C. Sugar
- D. Carbon dioxide

Answer: B

Question: 10

A species of fish can have dominant red fins (R) or recessive white fins (r) , and dominant long fins (L) or recessive short fins (l) . In a dihybrid cross , each parent is heterozygous for both traits (RrLl × RrLl). How many different gamete genotypes can each parent produce?

- A. 4
- B. 1
- C. 2
- D. 3

Answer: A

Thank You for Trying Our Product

For More Information – **Visit link below:**

<https://www.examsboost.com/>

15 USD Discount Coupon Code:

G74JA8UF

FEATURES

- ✓ **90 Days Free Updates**
- ✓ **Money Back Pass Guarantee**
- ✓ **Instant Download or Email Attachment**
- ✓ **24/7 Live Chat Support**
- ✓ **PDF file could be used at any Platform**
- ✓ **50,000 Happy Customer**



Visit us at: <https://www.examsboost.com/test/introduction-to-biology>