YUKON LIFE SCIENCES 11 (MLFSC11) · UNIT C · 10 QUESTIONS

Taxonomy and Diversity of Organisms — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A protozoan is a protist that**

- A has no cell membrane
- B moves and eats other organisms or particles
- C photosynthesizes like a plant
- D forms a mushroom cap

Understand It with Pulse | Flag a mistake

2 **Yeasts belong to the kingdom**

A Animalia

B Protista

C Fungi

D Plantae

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3 **Lichens are formed by a fungus living with an alga or a**

A moss

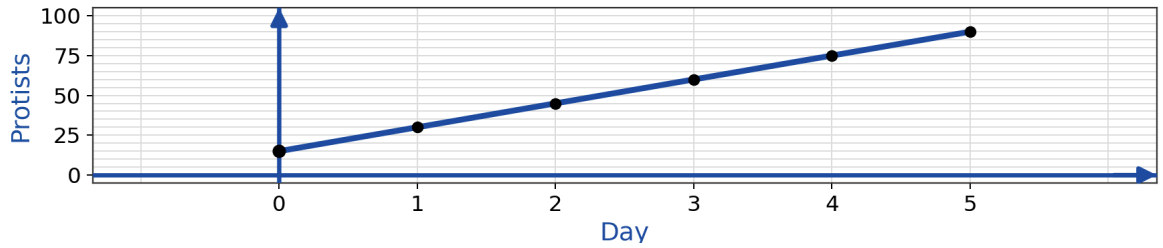
B fern

C flowering plant

D cyanobacterium

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4 **The graph shows protists counted in pond samples over five days. On day 3, the count is**



- **A** 60
- **B** 75
- **C** 30
- **D** 45

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5 **Mosses differ from flowering plants because mosses**

- **A** photosynthesize in roots
- **B** lack true roots and reproduce by spores
- **C** produce seeds in flowers
- **D** have woody trunks

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6 **Sponges are animals even though they do not move as adults because they**

- A have cell walls
- B form spores, tiny reproductive cells that grow into new fungi or plants without any mating at all
- C are multicellular and eat food
- D photosynthesize

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7 **A scientific name is written with the genus name**

- A lowercase and the species name capitalized
- B both words capitalized
- C both words lowercase
- D capitalized and the species name lowercase

Understand It with Pulse | Flag a mistake

8 **Classification based on evolutionary relationships means that close relatives are placed**

A in the same or nearby groups

B in different domains always

C by size only

D by habitat only

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9 **Bacteria that cause disease are called**

A pollinators

B pathogens

C decomposers

D producers

Understand It with Pulse | Flag a mistake

10 **Diversity within a kingdom is shown by the fact that protists**

A all live in soil

B never reproduce

C include both algae and protozoa

D all look identical

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ANSWER KEY

1. B
2. C
3. D
4. A
5. B
6. C
7. D
8. A
9. B
10. C

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