SASKATCHEWAN BIOLOGY 30 · UNIT B · 25 QUESTIONS

Organization of Life - Cells and Classification — 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 **The smallest unit of life is called**

- A cell
- B eukaryote
- C organelle
- D mitochondrion

Understand It with Pulse | Flag a mistake

2 **Prokaryotic cells differ from eukaryotic cells mainly because they lack a**

A cell membrane

B membrane bound nucleus

C cytoplasm

D ribosome

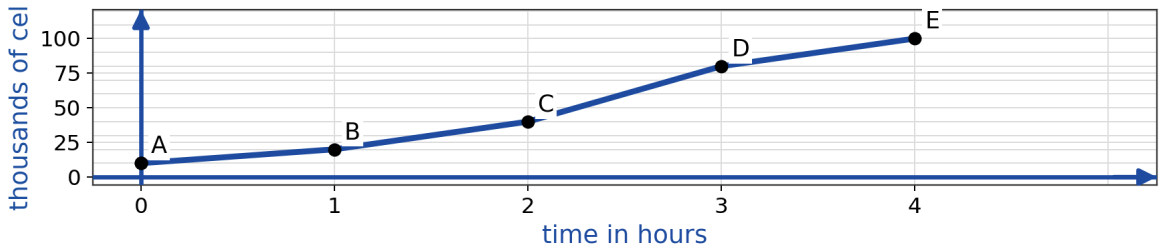
Understand It with Pulse | Flag a mistake

3 **Out of 100 students surveyed, 20 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The graph shows cell number during growth over time. The cell number at 3 hours, in thousands, is _____**



ANSWER

Understand It with Pulse | Flag a mistake

5 **A cell without a membrane bound nucleus is called**

A organelle

B mitochondrion

C prokaryote

D chloroplast

Understand It with Pulse | Flag a mistake

6 **The correct order from broadest to most specific is**

A species, genus, family, order, class, phylum, kingdom, domain

B kingdom, domain, genus, species

C genus, species, kingdom, domain

D domain, kingdom, phylum, class, order, family, genus, species

Understand It with Pulse | Flag a mistake

7 **Out of 200 students surveyed, 40 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A cell with a membrane bound nucleus and organelles is called**

A eukaryote

B mitochondrion

C chloroplast

D taxonomy

Understand It with Pulse | Flag a mistake

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

A all capitalised

B capitalised and the species lower case

C all lower case

D underlined only

Understand It with Pulse | Flag a mistake

10 **Out of 300 students surveyed, 60 chose the same answer. The percent who chose it is ____**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **A specialised structure inside a cell is called**

A chloroplast

B taxonomy

C organelle

D domain

Understand It with Pulse | Flag a mistake

12 **Which organelle makes most ATP in a eukaryotic cell**

- A ribosome
- B Golgi apparatus
- C vacuole
- D mitochondrion

Understand It with Pulse | Flag a mistake

13 **Different tissues working together to do a job form a**

- A cell
- B organ
- C organelle
- D molecule

Understand It with Pulse | Flag a mistake

14 **The organelle that is the main site of cellular respiration is called**

A mitochondrion

B taxonomy

C domain

D kingdom

Understand It with Pulse | Flag a mistake

15 **Plant cells differ from animal cells by having**

A a nucleus

B chloroplasts and a cell wall

C mitochondria

D ribosomes

Understand It with Pulse | Flag a mistake

16 **A student lists heart, lung and stomach. These are all examples of**

A organs

B cells

C organelles

D tissues

Understand It with Pulse | Flag a mistake

17 **The organelle that is the site of photosynthesis is called**

A domain

B kingdom

C chloroplast

D binomial nomenclature

Understand It with Pulse | Flag a mistake

18 **The structure that controls what enters and leaves a cell is the**

A nucleus

B cell membrane

C chloroplast

D ribosome

Understand It with Pulse | Flag a mistake

19 **The science of naming and classifying organisms is called**

A kingdom

B binomial nomenclature

C cell

D taxonomy

Understand It with Pulse | Flag a mistake

20 **The nucleus is the part of the cell that**

A makes energy from food

B stores genetic information and controls cell activities

C makes proteins

D captures sunlight

Understand It with Pulse | Flag a mistake

21 **The broadest level of classification is called**

A domain

B binomial nomenclature

C cell

D prokaryote

Understand It with Pulse | Flag a mistake

22 **A microscope shows a cell with a nucleus and chloroplasts. The cell is most likely from a**

- A plant
- B animal
- C bacterium
- D fungus with no nucleus

Understand It with Pulse | Flag a mistake

23 **A major level of classification below domain is called**

- A cell
- B kingdom
- C prokaryote
- D eukaryote

Understand It with Pulse | Flag a mistake

24 **Which list is in order from smallest to largest**

A organ, tissue, cell, organ system

B cell, tissue, organ, organ system

C tissue, organ system, cell, organ

D organ system, organ, tissue, cell

Understand It with Pulse | Flag a mistake

25 **The two part naming system using genus and species is called**

A prokaryote

B eukaryote

C binomial nomenclature

D organelle

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. B
3. 20
4. 80
5. C
6. D
7. 20
8. A
9. B
10. 20
11. C
12. D
13. B
14. A
15. B
16. A
17. C
18. B
19. D
20. B
21. A
22. A
23. B
24. B
25. C

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