NEWFOUNDLAND AND LABRADOR SCIENCE 1206 · FINAL EXAM · 50 QUESTIONS

Final Exam — 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 **49 items are shared equally among 7 groups. Each group receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A temperature of 0 degrees Celsius, in Fahrenheit, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Which term matches this description: a substance made of two or more elements joined together?**

- A atom
- B compound
- C molecule
- D chemical reaction

Understand It with Pulse | Flag a mistake

4 **An object travels 45 kilometres in 3 hours. Its speed in kilometres per hour is**

- A 15
- B 16
- C 14
- D 17

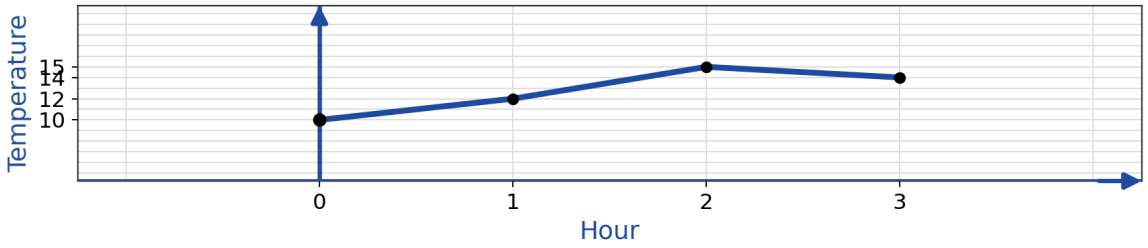
Understand It with Pulse | Flag a mistake

5 **There are 8 groups with 10 items in each group. The total number of items is**

- A 81
- B 79
- C 82
- D 80

Understand It with Pulse | Flag a mistake

6 **The graph shows temperature over hours. At hour 2, the temperature is**



ANSWER

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7 **Which term matches this description: a starting substance in a reaction?**

A product

B reactant

C acid

D base

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8 **What is the meaning of acceleration?**

A motion at a constant velocity

B change in velocity divided by time

C motion with changing velocity

D on a distance time graph the slope gives speed

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9 **A collection has 47 items and 32 more are added. The total is**

A 80

B 78

C 79

D 81

Understand It with Pulse | Flag a mistake

10 **What is the meaning of cold front?**

A a front where warm air rises over cold air

B an area of sinking air often bringing clear skies

C an area of rising air often bringing cloud and rain

D a front where cold air pushes under warm air

Understand It with Pulse | Flag a mistake

11 **Which term matches this description: a substance that accepts hydrogen ions or gives hydroxide ions?**

A base

B pH scale

C neutralization

D conservation of mass

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12 **What is the meaning of force?**

A a force that opposes motion between surfaces

B the force pulling objects toward Earth

C a push or pull on an object

D how far an object travels

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13 **What is the meaning of consumer?**

A an organism that breaks down dead material

B the largest population an area can support

C the variety of living things in an area

D an organism that eats other organisms

Understand It with Pulse | Flag a mistake

14 **What is the meaning of humidity?**

A the boundary between two air masses

B the amount of water vapour in air

C a front where cold air pushes under warm air

D a front where warm air rises over cold air

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15 **Out of 200 people, 40 chose an option. The percent who chose it is**

A 20

B 21

C 19

D 22

Understand It with Pulse | Flag a mistake

16 **What is the meaning of nonuniform motion?**

A on a distance time graph the slope gives speed

B the tendency of an object to keep its motion

C a push or pull on an object

D motion with changing velocity

Understand It with Pulse | Flag a mistake

17 **What is the meaning of habitat?**

A all members of one species in an area

B all populations living together in an area

C the place where an organism lives

D a path showing how energy passes from one organism to another

Understand It with Pulse | Flag a mistake

18 **What is the meaning of warm front?**

A a front where warm air rises over cold air

B an area of sinking air often bringing clear skies

C an area of rising air often bringing cloud and rain

D heat transfer by moving fluid

Understand It with Pulse | Flag a mistake

19 **Two samples have masses 33 grams and 18 grams. Their total mass is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **Which term matches this description: a push or pull on an object?**

- A friction
- B force
- C gravity
- D distance

Understand It with Pulse | Flag a mistake

21 **40 items are shared equally among 8 groups. Each group receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A collection has 45 items and 20 more are added. The total is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **Three counts are 12, 15 and 18. Their mean is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **Which term matches this description: distance travelled divided by time?**

A velocity

B acceleration

C speed

D uniform motion

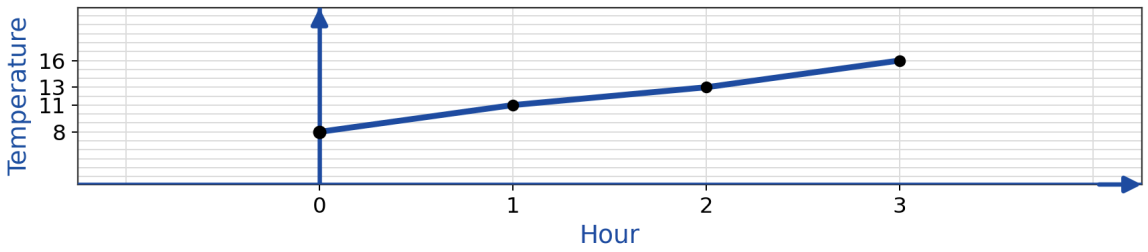
Understand It with Pulse | Flag a mistake

25 **What is the meaning of population?**

- **A** all populations living together in an area
- **B** a path showing how energy passes from one organism to another
- **C** an organism that makes its own food
- **D** all members of one species in an area

Understand It with Pulse | Flag a mistake

26 **The graph shows temperature over hours. At hour 3, the temperature is**



ANSWER _____

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27 **Two samples have masses 21 grams and 16 grams. Their total mass is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **Velocity changes from 11 to 23 metres per second in 4 seconds. The acceleration is**

ANSWER

Understand It with Pulse | Flag a mistake

29 **What is the meaning of biodiversity?**

A a nonliving factor such as water or light

B a living factor such as a predator

C the variety of living things in an area

D a community of living things and their nonliving surroundings

Understand It with Pulse | Flag a mistake

30 **Temperature rises from -1 degrees to 19 degrees. The rise in degrees is**

ANSWER

Understand It with Pulse | Flag a mistake

31 **What is the meaning of element?**

A a substance made of two or more elements joined together

B a pure substance made of one kind of atom

C the smallest unit of an element

D two or more atoms joined together

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32 **An object travels at 25 kilometres per hour for 3 hours. The distance in kilometres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

33 **What is the meaning of producer?**

A an organism that eats other organisms

B an organism that breaks down dead material

C an organism that makes its own food

D the largest population an area can support

Understand It with Pulse | Flag a mistake

34 **Three counts are 21, 24 and 27. Their mean is**

ANSWER _____

Understand It with Pulse | Flag a mistake

35 **What is the meaning of molecule?**

A two or more atoms joined together

B a change that forms new substances

C a starting substance in a reaction

D a substance formed in a reaction

Understand It with Pulse | Flag a mistake

36 **An object travels at 20 kilometres per hour for 2 hours. The distance in kilometres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

37 **Out of 400 people, 100 chose an option. The percent who chose it is**

ANSWER _____

Understand It with Pulse | Flag a mistake

38 **Three counts are 15, 18 and 21. Their mean is**

ANSWER _____

Understand It with Pulse | Flag a mistake

39 **What is the meaning of product?**

A a substance that gives hydrogen ions in water

B a substance that accepts hydrogen ions or gives hydroxide ions

C a scale from zero to fourteen measuring acidity

D a substance formed in a reaction

Understand It with Pulse | Flag a mistake

40 **An object travels at 35 kilometres per hour for 4 hours. The distance in kilometres is**

ANSWER _____

Understand It with Pulse | Flag a mistake

41 **Which term matches this description: all populations living together in an area?**

A food chain

B producer

C consumer

D community

Understand It with Pulse | Flag a mistake

42 **Which term matches this description: an area of rising air often bringing cloud and rain?**

A convection

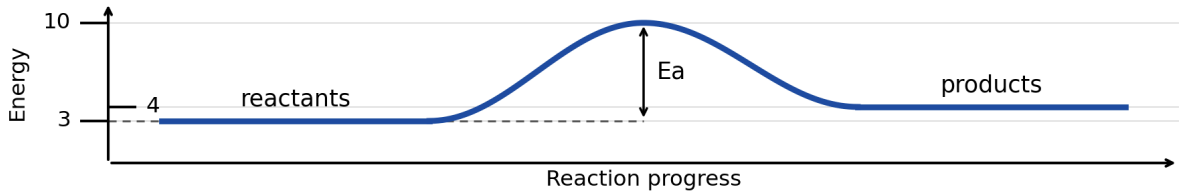
B low pressure system

C water cycle

D atmosphere

Understand It with Pulse | Flag a mistake

43 **In an energy diagram, reactants are at 3, the peak is at 10 and products are at 4. The activation energy is**



ANSWER

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44 **Which term matches this description: motion with changing velocity?**

A graph slope

B inertia

C nonuniform motion

D force

Understand It with Pulse | Flag a mistake

45 **Which term matches this description: an organism that makes its own food?**

A consumer

B producer

C decomposer

D carrying capacity

Understand It with Pulse | Flag a mistake

46 **Which term matches this description: the amount of water vapour in air?**

A humidity

B front

C cold front

D warm front

Understand It with Pulse | Flag a mistake

47 **Two samples have masses 37 grams and 22 grams. Their total mass is**

ANSWER _____

Understand It with Pulse | Flag a mistake

48 **Which term matches this description: the tendency of an object to keep its motion?**

A inertia

B force

C friction

D gravity

Understand It with Pulse | Flag a mistake

49 **Which term matches this description: the variety of living things in an area?**

A abiotic factor

B biodiversity

C biotic factor

D ecosystem

Understand It with Pulse | Flag a mistake

50 **Which term matches this description: the layer of gases around Earth?**

A atmosphere

B air pressure

C wind

D precipitation

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 7
2. 32
3. B
4. A
5. D
6. 15
7. B
8. B
9. C
10. D
11. A
12. C
13. D
14. B
15. A
16. D
17. C
18. A
19. 51
20. B
21. 5
22. 65
23. 15
24. C
25. D
26. 16
27. 37
28. 3
29. C
30. 20
31. B
32. 75
33. C
34. 24
35. A
36. 40
37. 25
38. 18
39. D
40. 140
41. D
42. B
43. 7
44. C
45. B
46. A
47. 59
48. A
49. B
50. A

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