Final Exam — Practice Test

Prince Edward Island Science 10 (General) • 50 questions

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 **In ecosystem study, which term matches this description: community plus its environment?**

- A food chain
- B producer
- C ecosystem
- D consumer

Understand It with Pulse | Flag a mistake

2 **In chemistry study, what is the main purpose or meaning of atom?**

- A smallest part of an element
- B two or more atoms bonded
- C substance of one atom type
- D substance of bonded elements

Understand It with Pulse | Flag a mistake

3 **In motion study, what is the main purpose or meaning of speed?**

- A distance divided by time
- B speed in a direction
- C change in velocity over time
- D length of a path travelled

Understand It with Pulse | Flag a mistake

4 **In weather study, what is the main purpose or meaning of atmosphere?**

A water falling from clouds

B weight of air above a point

C layer of air around Earth

D boundary between air masses

Understand It with Pulse | Flag a mistake

5 **In ecosystem study, which term matches this description: organism making its own food?**

A producer

B consumer

C decomposer

D habitat

Understand It with Pulse | Flag a mistake

6 **In chemistry study, which term matches this description: substance of one atom type?**

A element

B compound

C solution

D solvent

Understand It with Pulse | Flag a mistake

7 **In motion study, what is the main purpose or meaning of acceleration?**

A length of a path travelled

B change in velocity over time

C straight line change in position

D force resisting motion

Understand It with Pulse | Flag a mistake

8 **In weather study, what is the main purpose or meaning of air pressure?**

A boundary between air masses

B weight of air above a point

C amount of water vapour in air

D moving air

Understand It with Pulse | Flag a mistake

9 **In ecosystem study, what is the main purpose or meaning of consumer?**

A organism breaking down dead matter

B place where an organism lives

C members of one species together

D organism eating other organisms

Understand It with Pulse | Flag a mistake

10 **In chemistry study, what is the main purpose or meaning of compound?**

A even mixture of substances

B substance dissolving another

C substance dissolved in a solvent

D substance of bonded elements

Understand It with Pulse | Flag a mistake

11 **In motion study, which term matches this description: straight line change in position?**

A displacement

B friction

C inertia

D gravity

Understand It with Pulse | Flag a mistake

12 **In weather study, which term matches this description: amount of water vapour in air?**

A humidity

B wind

C cloud

D temperature

Understand It with Pulse | Flag a mistake

13 **In ecosystem study, which term matches this description: place where an organism lives?**

A population

B biodiversity

C habitat

D sustainability

Understand It with Pulse | Flag a mistake

14 **In chemistry study, which term matches this description: substance dissolving another?**

A solute

B pH scale

C solvent

D corrosion

Understand It with Pulse | Flag a mistake

15 **In motion study, what is the main purpose or meaning of friction?**

A resistance to change in motion

B force pulling objects to Earth

C mass times velocity

D force resisting motion

Understand It with Pulse | Flag a mistake

16 **In weather study, what is the main purpose or meaning of wind?**

A visible water droplets in air

B measure of heat energy

C long term weather pattern

D moving air

Understand It with Pulse | Flag a mistake

17 **In ecosystem study, which term matches this description: organism breaking down dead matter?**

A decomposer

B habitat

C population

D biodiversity

Understand It with Pulse | Flag a mistake

18 **In chemistry study, what is the main purpose or meaning of solute?**

- A measure of acidity
- B substance dissolved in a solvent
- C slow breakdown by reaction
- D mass is not lost in reactions

Understand It with Pulse | Flag a mistake

19 **A motion study collection has 48 items. After 8 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A weather study collection has 36 items. After 6 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **In ecosystem study, 60 notes are shared equally among 5 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **In chemistry study, 48 notes are shared equally among 4 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **A motion study display holds 24 items and a second display holds 3 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A weather study display holds 42 items and a second display holds 7 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **In ecosystem study, 54 notes are shared equally among 9 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

26 **In chemistry study, 54 notes are shared equally among 6 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

27 **A motion study project uses 4 groups with 28 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **A weather study project uses 7 groups with 28 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

29 **A ecosystem study collection has 32 items. After 4 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

30 **A chemistry study collection has 32 items. After 8 items are removed, the number of items left is**

ANSWER _____

Understand It with Pulse | Flag a mistake

31 **In motion study, which term matches this description: force pulling objects to Earth?**

A momentum

B average speed

C gravity

D speed

Understand It with Pulse | Flag a mistake

32 **In weather study, which term matches this description: measure of heat energy?**

A climate

B forecast

C temperature

D atmosphere

Understand It with Pulse | Flag a mistake

33 **In ecosystem study, what is the main purpose or meaning of biodiversity?**

A meeting needs without harming future

B movement of nutrients in nature

C community plus its environment

D variety of life in an area

Understand It with Pulse | Flag a mistake

34 **In chemistry study, what is the main purpose or meaning of pH scale?**

A slow breakdown by reaction

B mass is not lost in reactions

C smallest part of an element

D measure of acidity

Understand It with Pulse | Flag a mistake

35 **In motion study, what is the main purpose or meaning of momentum?**

A total distance over total time

B mass times velocity

C distance divided by time

D speed in a direction

Understand It with Pulse | Flag a mistake

36 **In weather study, what is the main purpose or meaning of climate?**

A prediction of future weather

B long term weather pattern

C layer of air around Earth

D water falling from clouds

Understand It with Pulse | Flag a mistake

37 **In ecosystem study, which term matches this description: movement of nutrients in nature?**

A ecosystem

B food chain

C nutrient cycle

D producer

Understand It with Pulse | Flag a mistake

38 **In chemistry study, which term matches this description: mass is not lost in reactions?**

A atom

B molecule

C conservation of mass

D element

Understand It with Pulse | Flag a mistake

39 **A motion study project uses 8 groups with 48 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

40 **A weather study project uses 6 groups with 36 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

41 **A ecosystem study display holds 60 items and a second display holds 5 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

42 **A chemistry study display holds 48 items and a second display holds 4 items. The total number of items is**

ANSWER _____

Understand It with Pulse | Flag a mistake

43 **A motion study project uses 9 groups with 54 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

44 **A weather study project uses 4 groups with 24 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

45 **A ecosystem study project uses 3 groups with 24 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

46 **A chemistry study project uses 4 groups with 24 cards in each group. The total number of cards is**

ANSWER _____

Understand It with Pulse | Flag a mistake

47 **In motion study, 60 notes are shared equally among 6 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

48 **In weather study, 60 notes are shared equally among 10 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

49 **In ecosystem study, 28 notes are shared equally among 7 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

50 **In chemistry study, 60 notes are shared equally among 6 students. Each student receives**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	C	**18.**	B	**35.**	B
2.	A	**19.**	40	**36.**	B
3.	A	**20.**	30	**37.**	C
4.	C	**21.**	12	**38.**	C
5.	A	**22.**	12	**39.**	384
6.	A	**23.**	27	**40.**	216
7.	B	**24.**	49	**41.**	65
8.	B	**25.**	6	**42.**	52
9.	D	**26.**	9	**43.**	486
10.	D	**27.**	112	**44.**	96
11.	A	**28.**	196	**45.**	72
12.	A	**29.**	28	**46.**	96
13.	C	**30.**	24	**47.**	10
14.	C	**31.**	C	**48.**	6
15.	D	**32.**	C	**49.**	4
16.	D	**33.**	D	**50.**	10
17.	A	**34.**	D		

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