Midterm Test

Class **Name**

STEAM Reading
High Elementary 2 Midterm (Units 1-8)

1. What is the correct word for the blank?

Our garden has a large _____ where I like to play soccer.

a. position b. chip
c. lens d. lawn

2. What is the correct word for the blank?

Joe climbed onto a rock and _____ into the ocean.

a. packed b. dived
c. connected d. bent

3. What is the correct word for the blank?

Sally passed her exam, so her parents were very _____.

a. complete b. negative
c. slightly d. proud

4. What is the correct word for the blank?

My laptop is _____ to the internet.

a. slowed down b. repeated
c. connected d. gathered

5. Which word has the closest meaning to the underlined word?

The bulb didn't turn on because the electrical circuit wasn't <u>complete</u>.

a. finished b. moved
c. supported d. checked

6. Which word has the closest meaning to the underlined word?

My friend Andrew is very <u>funny</u>.

a. focused b. entire
c. amusing d. certain

7. Which word has the closest meaning to the underlined word?

Light <u>passes</u> through many materials.

a. joins b. sees
c. brings d. travels

8. Which word has the closest meaning to the underlined word?

Max used a microscope to look at the bug <u>in detail</u>.

a. come in b. up close
c. light up d. in case

9. Which pair does NOT have the same relation as the sample?

slow down-speed up

a. lightly-gently b. slightly-very
c. funny-sad d. enter-leave

10. Which pair has the same relation as the sample?

pack-put

a. line-dot b. dive-go into water
c. focussed-blurred d. beam-spot

11. Which pair does NOT have the same relation as the sample?

lightly-heavily

a. positive-negative b. suspicious-trusting
c. proud-disappointed d. connect-join

12. Which pair has the same relation as the sample?

concave-outward

a. connect-break b. complete-total
c. burst-pop d. pack-put

13. Choose the option that best fits the blanks.

We use a lens to (A)_____ and focus light. Lenses can be convex or concave. Convex lenses are thick in the middle and thin at the edges. Concave lenses, on the other hand, are thick at the edges and thin in the middle.
Let's take a closer look at convex lenses. Convex lenses are mostly round. They are made of glass or (B)_____ plastic.

	(A)	(B)
a.	bend	beam
b.	beam	bend
c.	dive	solid
d.	bend	transparent

14. Choose the option that best fits the blanks.

How does electricity flow? First, it needs a(n) (A)_____. The electricity flowing through the circuit is called a(n) (B)_____.
Can we make a circuit to turn on a light bulb? Prepare a battery, wires, and a light bulb.
Let's make two different circuits.

	(A)	(B)
a.	electric circuit	connection
b.	wire	conductor
c.	electric circuit	electrical current
d.	wire	electrical current

15. Choose the option that best fits the blanks.

Pressure is the amount of force air makes on a (A)_____ area. Can pressure change the volume of things?
If we (B)_____ pressure to water, will its volume change?
What about the volume of a gas?
Yes, pressure changes the volume of a gas. When you apply gentle pressure to a gas, the volume gets a little smaller. And when you apply high pressure to it, it gets a lot smaller.

	(A)	(B)
a.	positive	repeat
b.	certain	apply
c.	tiny	enter
d.	change	repeat

[16-20] Answer the questions.

(A) She was very surprised! The bag ①**was** swollen. It looked like it was about to burst. Irene showed it to her mom. “Mom, look, the bag of chips is inflated. It looks like it’s gone bad!”

(B) Irene was so proud when she ②**reached** the top of the mountain! She sat down for a rest and took out her bag of chips.

(C) Irene went hiking with her family. She packed a bag of her favorite chips in case she ③**got** hungry.

(D) Mom answered, “It’s the air pressure here that makes the bag inflate. The air pressure ④**get** lower as you go up the mountain. Do you notice how it’s harder to breathe up here? That’s because of the low air pressure.

16. Reorder the sentences to make a passage.
a. (A)-(D)-(B)-(C)
b. (B)-(D)-(A)-(C)
c. (C)-(B)-(A)-(D)
d. (C)-(A)-(D)-(B)

17. What is “It” in the passage?
a. the mountain
b. air pressure
c. a bag of chips
d. hiking

18. What is grammatically wrong?
a. ① b. ②
c. ③ d. ④

19. What is the main purpose of the passage?
a. To describe Irene’s day of mountain climbing
b. To explain how air pressure changes volume
c. To show that climbing mountains is hard
d. To describe the way air pressure damages chips

20. What is true about the passage?
a. The bag of chips was not good anymore.
b. Irene got hungry before climbing the mountain.
c. Irene’s mom didn’t know why the bag is swollen.
d. It is hard to breathe at the top of the mountain.

[21-25] Answer the questions.

(A) "These are Keplerian telescopes," ①**explained** the teacher.

(B) "Well, they use two lenses. A convex lens gathers and focuses light ②**from** far away. It makes faraway things look bigger or closer. We can see stars and planets in more detail.

(C) "How do they work?" ③**asked** Fran.

(D) Fran went on a field trip to the observatory. She learned about stars and planets. She saw rocks from space. She saw many cool telescopes there, too. Fran was very ④**exciting**. "Wow, it's my first time seeing a real telescope! It's so big!"

21. Reorder the sentences to make a passage.
a. (A)-(D)-(B)-(C)
b. (B)-(C)-(A)-(D)
c. (C)-(B)-(A)-(B)
d. (D)-(A)-(C)-(B)

22. What is "It" in the passage?
a. a convex lens
b. light
c. a concave lens
d. space

23. What is grammatically wrong?
a. ①　　b. ②
c. ③　　d. ④

24. What is the main purpose of the passage?
a. To explain what an observatory is
b. To show how lenses are made
c. To describe how telescopes work
d. To explain that stars and planets are far away

25. What is true according to the passage?
a. Fran looks at the moon with a telescope.
b. Convex lenses to collect light.
c. The Keplerian telescopes use one lens.
d. A concave lens makes things look closer.