



-ANSWER SHEET-  
**NATIONAL GEOGRAPHY CHALLENGE - 2022**

**Grade 3 and Grade 4 Contest**

TIME: 35 Minutes

DATE: April 25 through May 6, 2022

Name \_\_\_\_\_

1. \_\_\_\_\_

2. \_\_\_\_\_

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33. \_\_\_\_\_

34. \_\_\_\_\_

35. \_\_\_\_\_

**National Council for Geographic Education  
The National Geography Challenge – 2022**

**Grades 3-4**

1. What is the source of Earth's solar power?  
A. the sun  
B. the moon  
C. the other planets  
D. the oceans
2. 0° latitude is also known as the \_\_\_\_\_.  
A. South Pole  
B. Equator  
C. Prime Meridian  
D. International Date Line
3. Which one of the following pairs of animals and their habitats is incorrect?  
A. whales – Pacific Ocean  
B. monkeys – Amazon Rainforest  
C. penguins – North Pole  
D. camels – Sahara Desert
4. Ms. Bond shows her fourth graders this picture. She asks them to tell her what job it best represents. Here are answers from four of the students. Which one is correct?



- A. Ann said, "It's about people who work in factories."  
B. Hank said, "I think it has something to do with forestry."  
C. Alf said, "It's about people who drive trucks and deliver food."  
D. Tasha said, "It's definitely about agriculture and farmers."
5. A restaurant called the Great Lakes Fish House is most likely located in \_\_\_\_\_.  
A. Minneapolis  
B. Chicago  
C. San Francisco  
D. Philadelphia

6. The long, high sea waves called *tsunamis* are the result of \_\_\_\_\_.
- A. earthquakes                      B. monsoons  
C. hurricanes                         D. tornadoes
7. Which one of these sentences about the solar system is correct?
- A. Earth, Venus, Mars, and Mercury each revolve around their moons.  
B. All the planets in the solar system revolve around the Sun.  
C. The Sun is the largest planet in the solar system.  
D. All the planets in the solar system are the same distance from the Sun.
8. A pasture used for grazing milk cows is part of \_\_\_\_\_.
- A. an animal shelter                 B. a zoo exhibit  
C. a city park                         D. a dairy farm
9. Buildings such as the ones below are pyramids. They were built by the pharaohs in ancient Egypt in the desert along what river?



- A. Tigris                                 B. Nile  
C. Tiber                                 D. Euphrates
10. For what purpose did the pharaohs build the pyramids?
- A. as palaces                         B. as fortresses  
C. as tombs                             D. as storage buildings
11. What country separates Alaska from the lower 48 states?
- A. Canada                             B. Hawaii  
C. Russia                               D. Mexico
12. If you want to see how wheat, rye, rice and other grains are made into flour, you would visit a \_\_\_\_\_.
- A. a bakery                             B. a barn  
C. a mill                                 D. a restaurant

Read this story to answer #13, #14, and #15.

## Sailing West to New Lands

Christopher Columbus was an explorer. The king and queen of Spain sent him to look for a sea route to India. He sailed west across the Atlantic Ocean. He and his crew were on three small ships. Instead of India, Columbus found North and South America. He returned to Spain with samples of the treasure of the places he visited. In later years, he made three more voyages.

A few years before Columbus, the emperor of China sent Cheng Ho, his most trusted admiral, to find out what was across the Indian Ocean. Like Columbus, he sailed west. He had 62 treasure ships. Many soldiers were also on board. Cheng Ho visited many places and learned many things about those places. His ships returned to China with valuable goods. The admiral made a total of six trips across the Indian Ocean going as far as Africa.

Both Columbus and Cheng Ho were looking for trade routes to connect Europe and Asia. They did not find the route. Instead each discovered many new lands. In the process, they opened the world to exploration and discovery.

13. Christopher Columbus and Cheng Ho were \_\_\_\_\_.
- |              |             |
|--------------|-------------|
| A. merchants | B. soldiers |
| C. explorers | D. kings    |
14. To find a new trade route, both men sailed in what direction?
- |          |         |
|----------|---------|
| A. north | B. east |
| C. south | D. west |
15. Which of the following best describes why Columbus and Cheng Ho failed to reach their goal?
- A. They gave up too easily.
  - B. They sailed in the wrong direction.
  - C. They had limited geographical knowledge about Earth's oceans and continents.
  - D. They were misguided by the people who sent them.

16. In what physical setting is an oasis located?
- A. by the seashore                      B. on a mountain top  
C. under a glacier                        D. in a desert
17. Which one of Earth's oceans is the largest and deepest?
- A. Pacific Ocean                         B. Indian Ocean  
C. Atlantic Ocean                        D. Arctic Ocean

Note: Jack's grandmother has just returned from a trip around the world. She wants to make a scrapbook showing the pictures of the places she visited. To get started, she asks Jack to match each of the pictures of these famous structures with the country where it is located. Can you help him?

Building

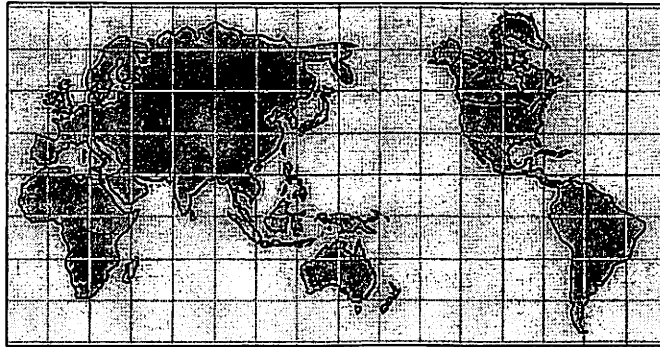
Building's Location

- |                       |                  |
|-----------------------|------------------|
| 18. The Eiffel Tower  | A. Egypt         |
| 19. The Great Pyramid | B. United States |
| 20. The Gateway Arch  | C. China         |
| 21. The Great Wall    | D. France        |
22. The students in Ms. Green's third grade class are studying ecosystems. They learn that people can sometimes change ecosystems in ways that can be harmful. She asks the students to decide which one of the following changes would most be harmful to the ecosystem. What is the correct answer?
- A. draining wetlands to build a shopping mall  
B. removing snow from a school's parking lot  
C. organizing a yearly cleanup in a local forest reserve  
D. planning a spring flower garden in a park near a school
23. The body of water off the coast of Texas is the \_\_\_\_\_.
- |                   |                      |
|-------------------|----------------------|
| A. Atlantic Ocean | B. Gulf of Mexico    |
| C. Caribbean Sea  | D. Mississippi River |
24. Iraq and Afghanistan are two countries in \_\_\_\_\_.
- |           |                  |
|-----------|------------------|
| A. Europe | B. Africa        |
| C. Asia   | D. South America |

25. A natural hazard is an event that *can* have a negative effect on people or the environment. All of the following are natural hazards that sometimes occur in communities around the world except \_\_\_\_\_.

- A. flash floods
- B. tornadoes
- C. earthquakes
- D. summer harvests

26. What continent is missing on this world map?



- A. Asia
- B. Antarctica
- C. Europe
- D. Australia

27. How would you classify a community that has a steel mill and railroad yards for shipping the steel to other places in the country?

- A. rural
- B. residential
- C. recreational
- D. industrial

28. Which of the following is an example of processed food?

- A. raw broccoli
- B. fresh fruit
- C. potato chips
- D. chicken eggs

29. What type of map would a truck driver use to find the best interstate highway route between Salt Lake City, Utah and Austin, Texas?

- A. a road atlas
- B. a relief map
- C. a population map
- D. an air systems chart

30. How people live, the language they speak, the food they eat, the kinds of clothing they wear, and the holidays they celebrate tell about their \_\_\_\_\_.

- A. education
- B. culture
- C. jobs
- D. government

31. What does the following definition describe?

*the distance in degrees of a place east or west of the Prime Meridian*

- A. the Equator
- B. a line of latitude
- C. the North and South Poles
- D. a line of longitude

Note: Match the economic activity in Column A with its most likely location in Column B.

Column A

Column B

- |  |   |
|--|---|
| 32. restaurants and truck stops          | A. near a major league baseball park        |
| 33. medical supply stores and pharmacies | B. at an interstate highway exit            |
| 34. souvenir shops and tee shirt stores  | C. in a big city's downtown                 |
| 35. hotels and restaurants               | D. close to a hospital and doctors' offices |