

Troop 19 Adventure 2018 Quiz

1. People have been living in the Shadow of the Teton Range for more than ____ years
 - a. 2,000 years
 - b. 10,000 years
 - c. 15,000 years
 - d. 20,000
2. This spectacular mountain range and the desire to protect it resulted in the establishment of Grand Teton National Park in 1929. Through the vision and generous philanthropy of _____, additional lands were added, creating the present day park
 - a. John D. Rockefeller, Jr.
 - b. Dr. Yellowstone
 - c. Jim Bridger and Sam Teton
 - d. Theodore Roosevelt
3. _____ with more than 2.2 million acres of forests, meadows, river valleys and lakes serve as an important sanctuary for the largest concentration of wildlife in the lower 48 states.
 - a. Grand Teton National Park
 - b. Grand Targhee
 - c. Yellowstone National Park
 - d. White Mountains
4. _____ can swim, run up and downhill and sprint up to 40 miles an hour. Males can weigh 700 pounds. Hint: *Urus arctos horribilis*
 - a. Black Bears
 - b. Grizzlies
 - c. Pronghorn
 - d. Mr. Bozek
5. The most abundant large animal in the park is _____
 - a. bison
 - b. mule deer
 - c. elk
 - d. bear
6. Reintroduced in 1995, a pack's range can span 186-310 square miles
 - a. Wolf
 - b. Cub Scouts
 - c. mountain lion
 - d. grizzly bear
7. Like wolves, beavers live in family groups (fewer than ____ of all mammals live organized like this).
 - a. 1%
 - b. 5%
 - c. 20%
 - d. 50%
8. Yellowstone has the largest and most important herd of _____ in the United States. The park population fluctuates between 2500 and 4500 individuals and they

are subject to the full suite of natural selection pressures as their ancestors- predators, severe weather and competition for food

- a. wild horses b. wild plains bison c. white tailed deer d. cattle

9. It was removed from the Federal Protected Species List in 2007. _____ near Yellowstone Lake are experiencing a declining population because of a reduced cutthroat trout population.

- a. otters b. osprey c. falcons d. eagles

10. Considered a keystone species upon which many other species depend, cutthroat trout spawn in shallow water where they become an important food source for other wildlife including _____

- a. eagles b. grizzly bears c. both a and b d. tourists

Often mistaken for a wolf, a _____ is about 1/3 the size with a slighter build. It communicates with each other by a variety of vocalizations.

- a. coyote b. dog c. bear cub d. mountain lion

11. Not a true antelope, the _____ is among animals that evolved uniquely in North America during the past 20 million years. Adults developed a capacity to run 65mph for several miles to outrun cheetahs, which have been extinct here for 10,000 years. Newborns can walk within 30 minutes of birth and are capable of outrunning a human in a couple of days.

- a. elk b. pronghorn c. deer d. mountain lion

12. The world's first national park was established in 1872.

- a. Yellowstone b. Yosemite c. Grand Canyon d. Grand Teton

13. None of these items, even if empty or clean, may be left unattended at any time:

- a. Water and beverage containers
- b. Cooking or eating utensils
- c. Stoves and grills
- d. Coolers and ice chests
- e. Garbage
- f. Food, including condiments, even if in containers
- g. Toiletries and cosmetics
- h. Pails, buckets and wash basins
- i. All of the above
- J. All but h and i.

14. Allow yourself to adjust to the altitude by drinking plenty of liquids to avoid dehydration

- a. hypothermia b. dehydration c. sun burn d. hyponatremia

15. Federal regulation requires you to stay at least ____yards away from bears and wolves.

- a. 10 yards b. 100 yards c. 300 yards d. ¼ mile

16. These activities are prohibited in Yellowstone:

- a. Willfully remaining near or approaching wildlife, including nesting birds, within any distance that disturbs or displaces the animal
- b. Traveling off boardwalks or designated trails in hydrothermal areas
- c. Throwing anything into thermal features
- d. Removing or possessing natural or cultural resources such as wildflowers, antlers, rocks and arrowheads
- e. Improperly storing food
- f. All of the above

17. Yellowstone Lake is the largest high elevation (above 7,000 feet) in North America with 141 miles of shoreline and is more than 400 feet deep. The average water temperature of Yellowstone Lake is _____

- a. 31F 41F c. 51F d. 61F

18. _____ are the most common hydrothermal features in the park. They vary from frothing mocha-like boiling to clear and calm pools.

- a. Mudpots b. Travertine terraces c. Geysers d. Hot Springs
e. Fumaroles

19. _____ are acidic features with limited water supply

- a. Mudpots b. Travertine terraces c. Geysers d. Hot Springs
e. Fumaroles

20. _____ or steam vents are the hottest hydrothermal features in the park

- a. Mudpots b. Travertine terraces c. Geysers d. Hot Springs
e. Fumaroles

21. _____ are found at Mammoth Hot Springs, where interactions of water, carbon dioxide and limestone create chalk-white landscapes

- a. Mudpots b. Travertine terraces c. Geysers d. Hot Springs
- e. Fumaroles

22. _____ are hot springs with narrow spaces in their plumbing, usually near the surface. These constrictions prevent water from circulating freely to the surface where heat would escape.

- a. Mudpots b. Travertine terraces c. Geysers d. Hot Springs
- e. Fumaroles

23. The highest erupting geyser in Yellowstone and in the world is

- a. Old Faithful Geyser b. Steamboat Geyser c. Grand Geyser
- d. Giant Geyser

24. Which President is the stone arch located at the north entrance to Yellowstone named for?

- a. Franklin D. Roosevelt b. Ulysses S. Grant c. Theodore Roosevelt d. Warren G. Harding

25. Approximately how many people visit Yellowstone National Park each year?

- a. 500,000 visitors b. 1,000,000 visitors c. 2,000,000 visitors d. 3,000,000 visitors

26. A typical year sees between 1000 and 3000 _____ Yellowstone National Park.

- a. Boy Scout Troop visits b. lightening strikes c. earthquakes d. wild fires

27. The world's only public auction of elk antlers takes place on the Jackson Town Square on the third Saturday in May each year. The antlers are shed by the elk that that winter on the refuge and are collected by local _____. The majority of the auction proceeds go back to the refuge for the next year's elk feeding program and Asians buy the antlers for exported aphrodisiac potions.

- a. Native Americans b. Park Rangers c. Boy Scouts d. Biologists

28. The Yellowstone _____ is a cavern beneath Earth's crust that is the source of heat for all Yellowstone's thermal features. It is one of the world's largest measuring 45 by 30 miles.

- a. Volcano b. Geyser c. Caldera d. Hot Spring

29. With approximately 290 waterfalls, 15 ft. or higher, flowing year-round, the tallest waterfall is the _____ of the Yellowstone River at 308 ft. (94 m)

- a. Giant Falls b. Lower Falls c. Upper Falls d. Bridal Veil Falls

30. Old Faithful Geyser erupts approximately every _____ on average.

- a. ½ hour b. hour c. 1 ½ hours d. 3 hours

Name: _____

Correct _____