

Evaluation of Knowledge of Leave No Trace Principles

Please answer the following questions as they relate to the most appropriate Leave No Trace practices in a **backcountry** setting.

1. Which of the following actions does **not** demonstrate consideration for other visitors?
 - A. Camping in an open meadow.
 - B. Taking breaks off-trail
 - C. Selecting campsites out of sight and hearing of other campers.
 - D. Camping in small groups.
2. Which of the following kinds of vegetation are the most likely to resist or recover from human trampling?
 - A. Forbs (erect-stemmed, broad-leaved plants)
 - B. Tree seedlings
 - C. Mosses
 - D. Grasses
3. What is the best way to dispose of human waste (feces)?
 - A. Deposit human waste in a small hole
 - B. Dig a large, deep hole and have everyone use it.
 - C. Deposit human waste on the ground away from campsites.
 - D. Deposit human waste on the ground and cover it with rocks.
4. For a group of twenty on a backcountry hike, it is best to...
 - A. Camp in small groups on separate campsites, and do not hang out or eat together.
 - B. Have the whole group camp on one site.
 - C. Split up and camp on separate campsites, but designate routes to a central area to eat and socialize.
 - D. Take the whole group into a remote area where others won't see the impacts.
5. The primary argument for leaving a deer antler instead of keeping it as a souvenir is...
 - A. So scientists can learn about deer behavior.
 - B. To avoid disturbing fragile ecosystems.
 - C. To allow others to enjoy the object.
 - D. So that its nutrients can return to the soil.
6. When camping in **popular** or high-use areas...
 - A. Concentrate use on existing trails and campsites.
 - B. Scatter your activity beyond established campsites to permit their recovery.
 - C. Find a vegetated area to pitch your tent.
 - D. Disperse your group over a wide area.
7. How should dirty dishwater be disposed?
 - A. Use it to put out the campfire.
 - B. Strain out food particles and scatter the dishwater.
 - C. Pour it into a stream.
 - D. Throw it in the bushes away from the eating area.

8. Of the learned responses that wildlife may exhibit around visitors, which is least desired?
- A. Avoidance
 - B. Attraction
 - C. Indifference
 - D. Fear
9. When cooking, it is best to...
- A. Cook only what you need and pack out the wrappers.
 - B. Eat the leftovers and bury the wrappers.
 - C. Burn all your leftovers.
 - D. Eat leftovers the next day and burn the wrappers.
10. When you are hiking on a trail with beautiful wildflowers, you should...
- A. Walk away from the trail and take a flower no one can see.
 - B. Stay on the trail and take only one flower.
 - C. . Pick only dry, wilted flowers and leave the healthy plants alone.
 - D. Never pick even one flower
11. The best time to visit a popular backcountry or wilderness area is...
- A. Late in the season.
 - B. During the week rather than on weekends.
 - C. Early in the season.
 - D. Any of the above.
12. If campfires are permitted, how should you gather wood?
- A. Saw downed logs into manageable lengths.
 - B. Break dead branches from trees.
 - C. Gather pieces of wood from the ground that can be easily broken.
 - D. Saw dead limbs from a fallen tree.
13. When traveling through **pristine** or remote areas, an advisable LNT practice is to...
- A. Travel in large groups to ensure group safety.
 - B. Walk around mud puddles and downed trees.
 - C. Travel away from visitor-created trails.
 - D. Always use preexisting trails.
14. What should you do with the ashes from your campfire?
- A. Bury the ashes in the ground.
 - B. Throw the ashes into a fast moving stream.
 - C. Scatter the ashes away from camp.
 - D. Leave the ashes in the fire pit.
15. When selecting a campsite, you should choose a site...
- A. In an open area.
 - B. Close to a water source.
 - C. Near the trail.
 - D. Away from lakes, streams, and trails.

16. When planning your food supply, you should...
- A. Leave food in original packaging and put it in stuff sacks or plastic bags.
 - B. Re-pack dried or freeze-dried food into lightweight plastic bags.
 - C. Minimize smells by ensuring food is in airtight cans or bottles.
 - D. Take only fresh food.
17. If you use an existing rock fire ring for your campfire, you should...
- A. Collect extra firewood to leave for other visitors.
 - B. Dismantle the ring after you're finished.
 - C. Move rocks and logs close to the ring to sit on.
 - D. Leave the fire ring free of excess ashes, burned wood and trash.
18. What should you do to avoid dangerous encounters with bears?
- A. Keep all food in your tent at night.
 - B. Carry a firearm with you.
 - C. Bury your garbage and leftover food in the ground.
 - D. Put your food and garbage in a bag and hang it.
19. When walking through an open gate on a trail, you should...
- A. Head towards the closest ranger station to report the open gate.
 - B. Prop the gate open so it doesn't close accidentally.
 - C. Close the gate behind you.
 - D. Leave the gate as you found it.
20. The only waste that is acceptable to leave in the backcountry is...
- A. Human waste.
 - B. Toilet paper.
 - C. Orange peels.
 - D. Burned garbage.
21. Wildlife are **least** sensitive to disturbance from recreationists...
- A. In late summer.
 - B. When raising young.
 - C. In the winter.
 - D. During the nesting season.
22. What is the best procedure for traveling off-trail through a **pristine** area?
- A. Give everyone compass headings and a map with the route marked on it.
 - B. Have the group walk in single file.
 - C. Create trail markers out of natural materials so that everyone can follow the same route.
 - D. Disperse over a wide area.
23. While hiking, what should you do when you encounter horseback riders?
- A. Ask the horseback riders to yield.
 - B. Get off the trail on the downhill side.
 - C. Get off the trail on the uphill side.
 - D. Stay on the trail; you have the right-of-way.

24. Which of the following actions should be taken when breaking camp?
- A. Brush off tents and ground tarps to avoid transporting non-native plant species.
 - B. Leave any leftover wood you have cut for the next campers.
 - C. Leave any makeshift furniture you have created.
 - D. Rake your site to clear debris.
25. What should you do when you see wildlife approaching your campsite?
- A. Put food on the ground to feed the animal.
 - B. Make lots of noise to scare the animal away
 - C. Be quiet and try not to startle the animal.
 - D. Sneak up close to the animal to get a good look.

1	A
2	D
3	A
4	A
5	C
6	A
7	B
8	B
9	A
10	D
11	D
12	C
13	C
14	C
15	D
16	B
17	D
18	D
19	D
20	A
21	A
22	D
23	B
24	A
25	C