

**Final Exam**  
Continuing Education Course #240 Kayak &  
Canoe Launch Design  
(a.k.a. Non-Motorized Boat Launches)

1. NMBs include all of the following except \_\_\_\_\_?  
☐ a. Paddle boards  
☐ b. Small sailboats  
☐ c. Crew Rowing boats  
☐ d. Boats with less than 15 hp engines
2. When evaluating a potential NMB launch site, which of the following is not an essential development question?  
☐ a. Property size  
☐ b. Usable area of the property  
☐ c. Site access  
☐ d. Distance to nearest hospital
3. Where can you obtain information from actual users?  
☐ a. Local paddler groups  
☐ b. Local marinas  
☐ c. Other nearby launch sites  
☐ d. All of the above
4. True or False: The water body will be a determining factor in the parking design.  
☐ a. True  
☐ b. False
5. True or False: The distance from the parking and/or unloading area may have a tremendous impact in the NMB launch usage.  
☐ a. True  
☐ b. False
6. Parking spaces for vehicles transporting NMBs should be no less than \_\_\_\_\_ ft in width?  
☐ a. 8  
☐ b. 9  
☐ c. 10  
☐ d. 11
7. If the parking is unpaved, the use of concrete or timber wheel stops can \_\_\_\_\_ the space between vehicles?  
☐ a. Increase  
☐ b. Decrease  
☐ c. Neither
8. The site signage information should include \_\_\_\_\_?

- ☐ a. Operating hours
  - ☐ b. Launch conditions
  - ☐ c. Emergency contact numbers
  - ☐ d. All of the above
9. True or False: If conditions don't work well for power boat launches then they won't work for NMB launches.
- ☐ a. True
  - ☐ b. False
10. A natural launch is a great way to be environmentally friendly as long as it \_\_\_\_\_?
- ☐ a. Has deep calm water
  - ☐ b. Is accessible, usable, and sustainable
  - ☐ c. Is a short distance from the parking area
  - ☐ d. Has a pier or floating dock
11. If a concrete or asphalt ramp is unavoidable, consider providing \_\_\_\_\_?
- ☐ a. Carpet
  - ☐ b. Artificial turf
  - ☐ c. Running boards
  - ☐ d. All of the above
12. A concrete ramp can be made NMB-friendly by \_\_\_\_\_.
- ☐ a. Adding wood strips
  - ☐ b. Providing a smooth finish
  - ☐ c. Providing a rough non-slip surface
  - ☐ d. None of the above
13. The launching area of a pier should be no higher than \_\_\_\_\_ above the water?
- ☐ a. 2-3 inches
  - ☐ b. 9-12 inches
  - ☐ c. 1-2 feet
  - ☐ d. 2-3 feet
14. A Multi-Use Ramp is: \_\_\_\_\_?
- ☐ a. A ramp used to launch multiple boats simultaneously
  - ☐ b. A preferred ramp design
  - ☐ c. A ramp used by NMBs and power boats
  - ☐ d. All of the above
15. If the site has electricity but no public sewer or public water, the size of the restroom and its septic system will be dependent on \_\_\_\_\_?
- ☐ a. The number of parking spaces
  - ☐ b. The maximum number of anticipated users
  - ☐ c. The size of the well
  - ☐ d. None of the above
16. Regardless of the location, the biggest request by NMB users is \_\_\_\_\_?
- ☐ a. Fresh water
  - ☐ b. More parking
  - ☐ c. Storage lockers
  - ☐ d. More picnic tables

17. If your launch site is well above the water level, gaining access may \_\_\_\_\_?
- ☐ a. Require extensive grading
  - ☐ b. Require lengthy ramps
  - ☐ c. Both of the above
  - ☐ d. None of the above
18. Some boat docks may be modified or easily improved to make them more ADA accessible by \_\_\_\_\_?
- ☐ a. Lowering them closer to the water by adding a floating dock
  - ☐ b. Lengthening them to deeper water
  - ☐ c. Widening them to provide more maneuvering room
  - ☐ d. All of the above
19. Avoid \_\_\_\_\_ if the launch is to be ADA accessible.
- ☐ a. The use of steps
  - ☐ b. Steep slopes
  - ☐ c. Narrow widths
  - ☐ d. All of the above
20. True or False: CREW boats or Rowers prefer at least a 45-foot dock and a low deck about 5-6 inches above the water.
- ☐ a. True
  - ☐ b. False
21. What do many designers forget about when designing launches for sailboats?
- ☐ a. Ramp width
  - ☐ b. Ramp slope
  - ☐ c. Overhead clearance
  - ☐ d. Trailer parking
22. Examples of bad designs include \_\_\_\_\_?
- ☐ a. No maneuvering room for vehicles
  - ☐ b. Vehicles backing into public roads to exit the site
  - ☐ c. Both of the above
  - ☐ d. None of the above
23. The widths for kayak launch structures should be \_\_\_\_\_?
- ☐ a. No more than 4-feet wide to allow a user to grasp both rails to exit
  - ☐ b. A minimum of 10-feet wide to allow the kayaker to use his paddle to exit
  - ☐ c. Both of the above
  - ☐ d. None of the above
24. True or False: Given a choice of using a natural sandy shoreline or using a concrete ramp, NMB users will likely use the shoreline.
- ☐ a. True
  - ☐ b. False
25. When designing the launch itself, the designer should consider multiple alternatives and settle on the design that is \_\_\_\_\_?
- ☐ a. Environmentally friendly
  - ☐ b. Cost effective
  - ☐ c. Easily accessible

- ☐ d. The most functional
- ☐ e. All of the above