

## **L3/4 Coastal/Open Water Instructor Certification Exam**

### **Written**

#### **Equipment:**

1. Explain potential performance differences that a student might experience in a hard chine versus soft chine kayak. Would these differences influence tasks or activities that you develop for them if yes, how so?
2. List the minimum equipment that you bring when coaching in toward the maximum end of your instructor remit?
3. What feather angle, if any, do you start a “never ever” paddler out with and why?
4. Cite a time when a deck mounted tow system might be preferable to a body mounted system?
5. List three ways to mitigate the effect of weather cocking and explain why they are effective.
6. List 3 tools that can be used to notify other vessels or agencies of an emergency.
7. When helping a student to choose an appropriate length paddle are some criteria that you consider?
8. When helping a first time student who has 5 days of recreational boating experience to choose a boat what are some criteria that you consider?
9. Please provide a detailed VHF Radio call (include channel and type of call) for the following incident:
  - 56 year old male experiencing chest pain
  - Location: Old Hump Channel, between Shark Island and Eastern Egg Rock, Muscongus Bay
  - Group: 5 Sea Kayaks
  - Name: Your name or the name of your company/organization
10. Besides length, list four fundamental differences between a planing hull whitewater kayak and a touring kayak.

## **Teaching and Learning:**

1. Complete the following statement: “when beginning a session with a new student I like to start by...”
2. Complete the following statement “when beginning a session with a long term student I like to start by...”
3. What are the two sources of feedback and explain how they are different.
4. From your experience what are 5 top tips for providing a learner feedback?
5. What is a learning preference?
6. What is a learning profile?

## **Navigation:**

1. When teaching in a new environment what navigational tools might you consult to construct a macro and micro “picture” of the area?
2. Discuss the difference between “dead reckoning” and “piloting”?
3. For most NOAA nautical charts in coastal areas the soundings datum is based on what?
5. What does “Fl 15s 178ft 20M” mean?
6. One degree of latitude is equal to how many nautical miles?
7. Most nautical charts for the coastal United States are based on what type of projection.
8. What does Apogee and Perigee refer to?

9. Identify the aid to navigation below. What is its purpose?



10. Identify the aid to navigation below. What is its meaning?



11. Identify the aid to navigation below. What is its function?



### Environmental Awareness:

1. Explain the difference, if any, between a tide race and an overfall.
2. The first mental function to be affected when a person's core body temperature exceeds 98.6 degrees is?

3. How is a rip tide formed? Where would you expect to find a rip tide?
4. A student presents as withdrawn and you notice them occasionally shivering at the end of a rescue session with a lot of “wet time.” What is your response?
6. What is the relationship of dew point and water temperature as it pertains to fog?
7. What is a possible effect of wind against current?
8. What is a possible effect of wind against waves?
9. What is a “sea-breeze” and what is its cause?
10. How would you manage a small soft tissue injury caused by a rudder cable on open water?

### **Our National Organization:**

1. What year was the ACA founded?
2. What are the “strategic tenets” of the ACA?
3. List 4 approved ACA Disciplines:
4. What do SEIC, DIF, ICW and ITE stand for?
5. Who is the SEI Coordinator? Why is she/he important?
6. Who is the Chair of the Coastal Kayak Committee (CKC)?
7. Where is the ACA’s home office?
8. What documents need to be sent to the SEI Coordinator after completing an ACA insured skills course?
9. What is an ACA Paddle America Club (PAC)?
10. List four ACA “Divisions”.
11. If you have an issue with “water access” how can the ACA help?
12. Explain the ACA First Aid and CPR Requirement for Instructors.