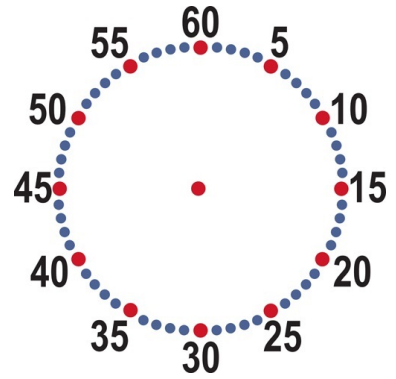


Please answer each question carefully and completely. If you feel a question is ridiculous then you must give a ridiculous answer, although every question on this test can be answered... if you dare!

A blank pace clock has been provided for your convenience in solving these problems.



Name: _____

1. The set is 12x50 I.M. Order on the 1:20. When you started the set the clock was on 60. You have just finished the seventh one and are about to push off the wall for number eight.
 - (a) (10 points) What will the pace clock read when you push off? _____
 - (b) (10 points) What stroke will you be swimming? _____
2. (15 points) It's the middle of a long set and the lane leader has pushed off the wall when the pace clock reads 20 seconds. You are the fourth person in the lane. At what time do you push off? _____
3. (20 points) It takes Archimedes 18 strokes to swim the length of the pool but Epimenides does it in 15. Which swimmer, *cæteris paribus*, has the more efficient stroke? _____
4. (15 points) Which of the following most accurately describes the underwater pullout?
 - A. A push off the bottom of the pool, then standing in chest-deep water for a moment before pushing off the bottom again.
 - B. A full-body pull with two dolphin kicks, followed by two breaststroke kicks.
 - C. Streamline breaststroke kick no further than 15 meters.
 - D. A full-body pull with a dolphin kick, followed by a return to streamline position with a breaststroke kick.
 - E. All of the above.
5. How long is Madison Pool...
 - (a) (10 points) ... in yards: _____
 - (b) (10 points) ... in meters (1in=2.54cm): _____
 - (c) (20 points) How long is its diagonal? _____
6. (20 points) How many laps of Madison Pool are there in a mile (5280ft)?
7. (10 points) What temperature is Madison Pool?
 - A. Too cold.
 - B. Too cold.
 - C. Way too cold.
 - D. Too warm.
 - E. Too cold.
 - F. All of the above.

8. (15 points) Please write all three competitive strokes in I.M. order:
- 1: _____
- 2: _____
- 3: _____
- 4: _____
9. (10 points) At what point during the main set is it appropriate to put on hand paddles and/or fins?
10. (60 points) The 18th-century Irish philosopher George Berkeley posited that if all we can know of a thing are our sense experiences of it, it effectively ceases to exist when it is not being experienced. Engage this thesis in the context of twenty swimmers all simultaneously going underwater to ignore their swim coach as he explains the workout that they are just going to change anyway. Answer in limerick form:
11. Which stroke is the most effective for fleeing/evading...
- (a) (5 points) ... a great white shark: _____
- (b) (5 points) ... a hammerhead shark: _____
- (c) (5 points) ... the cold, grim tide of fate: _____
- (d) (5 points) ... Coach George: _____
- (e) (5 points) ... your responsibilities: _____
12. (10 points) How much is 3:45 plus 11:40? _____
13. Consider the following set:
- $$4x \left\{ \begin{array}{l} 2x \left\{ \begin{array}{l} 4x200 \text{ I.M. on } 2 : 15 \\ 3x50 \text{ Free on } 1 : 10 \end{array} \right\} \\ 8x75 \text{ I.M. Order on } 1 : 45 \end{array} \right\}$$
- (a) (10 points) How many yards are there? _____
- (b) (10 points) How long will it take to swim? _____
- (c) (20 points) In the space below, translate the set into something that Masters swimmers will actually do:
14. (a) (10 points) What is the difference between 10x50 Free and 500 Free?
- (b) (10 points) What is the difference between 4x50 I.M. and 200 Free when swum by Masters swimmers?
15. (80 points) In the space provided below, compare Levinas's concept of face-to-face obligation to the other with Kant's theory of adherence to logical principles. How does each ethical theory apply to the passing of a slower swimmer in a lap lane? Use the back of this sheet if necessary.