sUAS CAPF 5U QUESTIONNAIRE

Name:_________________________  Grade: __________________  CAPID:_______________

Unit: ___________________________________________________________________________  Date:________________

Check Pilot:_____________________  Grade:_________________  CAPID:_______________

Score:_________  Type/Model of sUAS:______________________________________________

Complete this open book questionnaire using any available course materials. If a question or part of a question is not applicable, write in N/A. The check pilot will review and grade the questionnaire. The minimum passing score is 80%. The completed questionnaire will be filed in the pilot’s flights records.

1.) What is the maximum altitude (in ft. AGL) for sUAS operations without a waiver:

2.) According to 14CFR107, the remote PIC of a sUAS planning to operate in Class D airspace,
   a.) Must use a visual observer
   b.) Is required to file a flight plan
   c.) Is required to obtain ATC authorization

3.) When operating an unmanned airplane, the remote pilot should consider that the load factor on the wings may be increased any time
   a.) the CG is shifted rearward to the aft CG limit.
   b.) the airplane is subjected to maneuvers other than straight-and-level flight.
   c.) the gross weight is reduced.

4.) When using a small UA in a commercial operation, who is responsible for briefing the participants about emergency procedures?
   a.) The FAA inspector-in-charge.
   b.) The lead visual observer.
   c.) The remote PIC.

5.) According to 14 CFR parts 101, 107, and CAPR 70-1U, the responsibility to inspect the small UAS to ensure it is in a safe operating condition rests with the
   a.) remote pilot-in-command.
   b.) visual observer.
   c.) CAP sUAS Maintenance Officer.
6.) Under what condition would a small UA not have to be registered before it is operated in the United States?
   a.) When the aircraft weighs less than .55 pounds on takeoff, including everything that is on-board or attached to the aircraft.
   b.) When the aircraft has a takeoff weight that is more than .55 pounds, but less than 55 pounds, not including fuel and necessary attachments.
   c.) All small UAS need to be registered regardless of the weight of the aircraft before, during, or after the flight.

7.) To avoid a possible collision with a manned airplane, you estimate that your small UA climbed to an altitude greater than 600 feet AGL. To whom must you report the deviation?
   a.) Air Traffic Control.
   b.) The National Transportation Safety Board.
   c.) Upon request of the Federal Aviation Administration.

8.) During your preflight inspection, you discover a small nick in the casing of your sUAS battery. What action should you take?
   a.) Use it as long as it will still hold a charge.
   b.) Follow the manufacturer's and CAPR 66-1U guidance.
   c.) Throw it away with your household trash.

9.) What could be a consequence of operating a small unmanned aircraft above its maximum allowable weight?
   a.) Shorter endurance
   b.) Increased maneuverability
   c.) Faster speed

10.) What is the one common factor which affects most preventable accidents?
    a.) Mechanical malfunction
    b.) Human error
    c.) Structural failure

11.) What is the minimum safe voltage for a battery to be used (in Volts): _____

12.) Describe the emergency procedure for a lost link event: