

## **Question and Answers**

1. The recommended entry position for manned aircraft to enter an airport is?

- A. 45 degrees to the base leg just below traffic pattern altitude
- B. To enter the midpoint of the downward leg at traffic pattern altitude
- C. To cross directly over the airport at traffic pattern altitude and join the downwind leg.

2. The numbers 9 and 27 on the runway indicate that the runway is oriented approximately

- A. 009 degree and 027 degrees true
- B. 090 degrees and 270 degrees true
- C. 090 degrees and 270 degrees magnetic

3. An aircraft announces that they are on short final for the runway; where will the aircraft be in relation to the airport?

A. North

B. East

C. West

4. You are conducting sUAS operations northeast of a nearby airport while monitoring the CTAF; an aircraft announces that it is departing runway 36 utilizing a right traffic pattern. Will the aircraft potentially conflict with your operations?

A. No, the aircraft will be flying on the west side of the airport

B. No, the aircraft will be flying on the south side of the airport

C. Yes, the aircraft may overfly only northeast of the airport

5. Now, while operating an sUAS just south of a controlled airport with authorization, ATC notifies you to stay clear of the runway six final approach course; what action should you take to comply with this request?

A. Stay clear of areas to the west and north of your area of operations

B. Stay clear of areas to the east and north of your operations

C. Stay clear of areas to the west and south of your area of operations

6. When turning onto a taxiway from another taxiway, what is the purpose of a taxiway directional sign?

- A. Indicates direction to take off runway
- B. Indicates designation and direction of exit taxiway from runway
- C. Indicates designation and direction of taxiway leading out of an intersection

7. What must be displayed on the UAV during a flight mission?

- A. Registration number
- B. FCC registration number
- C. Owner's name

8. An aircraft announces, "left downwind for runway two six" this means that the aircraft is on a heading of?

- A. 160 degrees
- B. 80 degrees
- C. 340 degrees

9. Getting into a state of over breathing where you are exhaling more than you inhale is known as?

A. Hyperventilation

B. Hypoventilation

C. Hypoxemia

10. Which aircraft has the right of way over all other air traffic

A. A balloon

B. An aircraft on final approach to land

C. An aircraft in distress

11. During a flight of your small UA, you observe a hot air balloon entering the area you should?

A. Yield the right of way to the hot air balloon

B. Expect the hot air balloon to climb above your altitude

C. Ensure the UA passes below, above, or ahead of the hot air balloon

12. SGMETs are issued as a warning of weather conditions hazardous to which aircraft?

- A. All aircraft
- B. Small aircrafts only
- C. Large aircrafts only

13. For aviation purposes, the ceiling is defined as the height above the earth's surface of the:

- A. Lowest reported obscuration and the highest layer of clouds reported as overcast
- B. The lowest layer of clouds reported as scattered, broken, or thin
- C. The lowest broken or overcast layer of vertical visibility into an obscuration

14. What other aviation activity can you expect near a TRI-COUNTY private airport

- A. Parachute operations
- B. Balloon
- C. Military operations

15. When loading cameras or other payloads on an sUAS, the remote PIC should mount and inspect the items in a manner that
- A. Falls within the appropriate manufacturing limitation
  - B. Is visible to the visual observer or other crew members
  - C. It does not allow the advisory to affect the center of gravity
16. According to 14 CFR part 107, an sUAS is an unmanned aircraft system weighing
- A. Less than 55 lbs.
  - B. 55kg or less
  - C. 55 lbs. or less
17. Time-critical information on airports and changes that affect the national airspace system is produced by?
- A. The airport facilities directory (A/FD)
  - B. Notices to airmen (NOTAMs)
  - C. Advisory circulars (ACs)

18. 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 remote PIC
- C. The lead visual observer

19. On the day you plan to fly your UAV, the temperature and dew points are both 10 degrees Celsius; what weather should you expect?

- A. Freezing rain
- B. Fog
- C. Strong wind

20. What is the definition of CTAF?

- A. The standard frequency that the majority of the tower the airport uses in the united states
- B. The air-to-air communications system for pilots to communicate with one another
- C. The frequency you tune into to get into from the aeronautical advisory station (UNICOM)