

## Pre-Solo Written Exam

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Directions: Write the letter of the correct answer on the line preceding the question.**

\_\_\_1. What is the field elevation?

- A. 720
- B. 841
- C. 960
- D. 1061

\_\_\_2. What is the airport identifier?

- A. OPN
- B. 6A2
- C. 4A7
- D. PDK

\_\_\_3. What is the pattern altitude?

- A. 1,800
- B. 3,600
- C. 2,000
- D. 2,700

\_\_\_4. What are the runway numbers at this airport?

- A. 13-31
- B. 9-27
- C. 7-25
- D. 14-32

\_\_\_5. What is the length of the runway at this airport?

- A. 3,700
- B. 5,300
- C. 6,000
- D. 4,800

\_\_\_6. What type airspace is this airport classified as by the FAA?

- A. E TO 700
- B. E TO 1200
- C. G TO 700
- D. G TO 1200

- \_\_\_7. What personal documents are you required to have with you when you fly solo?
- A. photo ID and medical certificate
  - B. student pilot certificate and logbook with proper endorsements
  - C. instructor's authorization
- \_\_\_8. Who has the final authority and responsibility for the operations of the aircraft when you are flying solo?
- A. the instructor
  - B. the FAA
  - C. the pilot
- \_\_\_9. You may not fly as pilot in command within how many hours after consuming alcohol?
- A. 4
  - B. 24
  - C. 8
- \_\_\_10. At what times must you wear a seat belt when acting as pilot-in-command?
- A. during takeoffs and landings
  - B. at all times
  - D. only while carrying passengers
- \_\_\_11. Who has the right-of-way when two aircrafts are on final approach to land at the same time?
- A. the faster aircraft
  - B. the aircraft at the lower altitude
  - C. the larger aircraft
- \_\_\_12. You are on a dead on collision course with another aircraft. What should you do?
- A. descend
  - B. turn right
  - C. turn right and descend
- \_\_\_13. An aircraft is converging from the right. Who has the right-of-way?
- A. the aircraft to the right
  - B. the faster aircraft
  - C. neither, both should turn right
- \_\_\_14. You must notify the FAA within how many days of a permanent address change?
- A. 30
  - B. 10
  - C. 90
- \_\_\_15. Your transponder should be set to 1200 SQUAK code for VFR flights unless otherwise directed by ATC.
- T. true
  - F. false

\_\_\_16. A large “X” placed at the approach end of a runway indicates the recommended touch-down spot.

T. true

F. false

\_\_\_17. The emergency frequency available at most flight service stations and ATC facilities is 121.5.

T. true

F. false

\_\_\_18. An aircraft cannot be flown unless there is a current, approved flight manual and markings or placards that explain the operating limitation for that aircraft available in the aircraft.

T. true

F. false

\_\_\_19. As a student pilot, you are only required to have enough fuel in the aircraft you are to fly to reach you intended place of landing.

T. true

F. false

\_\_\_20. Preflight planning is not required by student pilots for local solo flights.

T. true

F. false

\_\_\_21. A drug-related conviction may result in revocation of you student pilot certificate and prevent you from becoming a student pilot for up to one year.

T. true

F. false

\_\_\_22. A solo endorsement is valid for 120 days.

T. true

F. false

**You may use the aircraft POH to answer the following questions.**

23. List the following V-Speeds in knots.

VSO \_\_\_\_\_ VA \_\_\_\_\_ VSL \_\_\_\_\_

VNO \_\_\_\_\_ VX \_\_\_\_\_ VNE \_\_\_\_\_

VY \_\_\_\_\_ VFE \_\_\_\_\_

24. What is the best glide speed?

\_\_\_\_\_

25. What is the fuel capacity?

total gallons \_\_\_\_\_

usable gallons \_\_\_\_\_

26. What is the maximum takeoff weight?

\_\_\_\_\_

27. What is the aircraft registration number?

\_\_\_\_\_

28. Describe the proper procedure for executing a go-around from a final approach.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

29. What airspeed is used on the downwind leg of the traffic pattern?

\_\_\_\_\_

30. What airspeed is used on the base leg of the traffic pattern?

\_\_\_\_\_

31. What airspeed is used on the final leg of the traffic pattern?

\_\_\_\_\_

32. What are the VFR weather minimums in Class D airspace? [FAR 91.155 (a) & (c)]

\_\_\_\_\_  
\_\_\_\_\_

33. What are the VFR weather minimums in Class E airspace?

\_\_\_\_\_  
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34. What are the VFR fuel requirements?

\_\_\_\_\_  
\_\_\_\_\_

35. What equipment must be in an aircraft for VFR day operations? [FAR 91.205 (b)]

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36. What equipment must be in an aircraft for VFR night operations? [FAR 91.205 (c)]

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37. When must the position lights of an aircraft be lighted? [FAR 91.209 (a)]

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40. When must the anti-collision lights of an aircraft be lighted? [FAR 91.209 (b)]

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