

Name:

Date:

### **Student Pilot Pre-solo Knowledge Exam – OPEN BOOK**

Answer each question in the space provided, using the FARs, AIM, Pilot's Operating Handbook and the ASI Operations Manual. Use the space to the left of the question number to list the reference for each question.

- 1) What preflight action is required of a pilot prior to flight?
  
- 2) List the definition of careless and reckless operation.
  
- 3) What is the minimum amount of time after the consumption of alcohol is a pilot required to wait?
  
- 4) Will the aircraft still run if the master switch is turned off? Why?
  
- 5) Draw an airport traffic pattern, labeling each leg and the proper entry and departure points and the traffic pattern altitude and CTAF.
  
- 6) What is the authority and responsibility of the Pilot-In-Command?
  
- 7) When are you permitted to deviate from an ATC instruction?
  
- 8) When an aircraft is approaching another head-on, each pilot should alter their courses to the \_\_\_\_\_.
  
- 9) What must a pilot do before entering Class D airspace?

- 10) What is the minimum safe altitude anywhere? Over congested areas? Over non-congested areas?
- 11) List the documents that must be on board the aircraft.
- 12) What is the minimum reserve fuel required for day VFR operations?
- 13) List the day VFR weather minimums in Class G, E and D airspace.
- 14) What are you, as a student pilot, required to have before operating in Class B airspace?
- 15) Why is it necessary to drain fuel out of the sumps after refueling and before the first flight of the day?
- 16) List and describe each of the light gun signals available from air traffic control
- 17) Describe the proper avoidance for wake turbulence
- 18) When are you required to wear a safety belt?

19) During run-up, what is the maximum allowable RPM drop for each magneto? Between both?

20) As per the Operations Manual, what are the weather minimums for Dual Day VFR local flights?  
Solo local VFR flights?

21) Each cross-country flight will be planned so as to land at your destination with a minimum of \_\_\_\_\_ hour(s) fuel reserve based upon \_\_\_\_\_ % power setting for engine performance.

22) Describe Practice the EASE areas and WEST Practice areas. Which is the primary practice area for VFR Students?

23) Are passengers ever authorized on training flights?

24) Are SOLO operations permitted on grass runways?

25) Landings are permitted only at public use airports with hard surface runways of at least \_\_\_\_\_ feet in length.

Corrected to 100% by \_\_\_\_\_

CFI / AGI #: \_\_\_\_\_ Expires: \_\_\_\_\_