- 1. List the documents necessary for legal flight, usually checked in pre-flight action.
- 2. What documents & endorsements must a student pilot have with him for a solo cross-country flight to be legal?
- 3. What must a student pilot have with him for solo flight in Class B airspace?
- 4. Your aircraft:

Aircraft make & model	
Total Fuel	
Usable Fuel	
Fuel type & colour	
Oil Capacity	
Max Takeoff Weight	
Va	
Vx	
Vy	
Vs	
Vso	
Vfe	
Vglide	

- 5. List the emergency procedures you'll use for an in-flight engine failure.
- 6. Your airport:

Runways	
Pattern Altitude	
CTAF	
ATIS/ASOS	
Field elevation	

7. What is the electric fuel pump used for?
8. What is carb-heat used for?
9. When is carb-ice likely to occur?
10. What are the dimensions of Tampa's Class B airspace?
11. What are the dimensions of Sarasota's Class C airspace?
12. What are the normal dimensions of Class D airspace? Examples in Tampa area?
13. What are the VFR day cloud clearance requirements in controlled airspace?
14. What are the minimum safe altitudes for:
Sparsely populated areas Populated areas Anywhere else
15. What are the VFR fuel requirements for day and night VFR cross-country?

16. List the 2 types of drag on an airplane & which does pilot have control of?

17. List the transponder codes:

VFR flight	
Emergency	
Lost Communications	
Hijack	

18. What do flaps do?

19. When flying in the pattern at an uncontrolled airport, what position reports should be made?

20. At what altitude should ground reference maneuvers be performed?

21. What would you do if your alternator failed?

22. Describe the "go-around" procedure:

Power-up:

Pitch-up:

Clean-up:

23. When should you "rich" the mixture?

24. When should you lean the mixture?

25. How often should you switch fuel tanks while in-flight?

26. When you are approaching the airport, what radio transmission will you make when you are 5-10 miles away?
27. As a student pilot, how often does your logbook have to be endorsed for solo flight?
28. When should the landing light be used?
29. When should the aircraft position lights be used?
30. When should the beacon & anti-collision lights be used?
31. What are the four forces that act on an airplane in flight?
32. What is the relationship of these four forces when in flight?
33. When do you experience "ground-effect" and at what altitude?
34. What should you do if you encounter turbulence?
35. What should you do if you get lost and need help to return to the airport?

36.	At an uncontrolled airport, all turns in the traffic pattern should be made to the right unless indicated by visual markings.	T	or	F
37.	You may not fly within 24 hours of consuming alcoholic beverages.	T	or	F
38.	You are responsible for determining the airworthiness of your aircraft before each flight.	T	or	F
39.	You must maintain a 1 NM separation from all other aircraft.	T	or	F
40.	You may not deviate from the FARs even during an emergency.	T	or	F
41.	You are required to receive clearance before entering Class B airspace.	T	or	F
42.	Checking the weather is not required before cross-country flights.	T	or	F
43.	VFR flight plans are required to be filed for any cross-country flight.	T	or	F
44.	ATC assigns you an altitude to fly within Class B. You may at the altitude assigned or lower at your discretion but not higher than the assigned altitude.	T	or	F
45.	As a student pilot, you may add oil to an aircraft that is low on oil.	T	or	F
46.	Since local police & sheriff officials do not have jurisdiction at airport ramps & runways, only FAA or other designated federal officials (FBI, NTSB) can request to examine your logbook and pilot certificate.	Т	or	F
47.	As a student pilot, you may take passengers on flights as long as you have completed your solo cross-country flights.	T	or	F
48.	A student pilot must hold at least a 3 rd class medical certificate, which is valid until the end of the 36 th month after date of issuance.	T	or	F
49.	As a student pilot, solo time is loggable as PIC (pilot in command).	T	or	F
50.	Your category of aircraft is "single engine."	T	or	F

Weight & Balance: calculate the CG with yourself (solo) & full fuel in your aircraft:

	Weight	Arm	Moment
You:			
Full Fuel:			
Airplane:			

Total:

CG is: Within limits?

Takeoff distance (at max weight, wind calm, no flaps) with you and your instructor:

Temperature: Pressure Altitude: Ground Roll:

Landing distance (at max weight, wind calm, full flaps) with you and your instructor:

Temperature: Pressure Altitude: Ground Roll:

Darren Smith, CFII/MEI Certificated Flight Instructor 813-503-3322

What ar	re the requirements for VFR d	ay flight (FAR §92.2	<u> 205)</u> :		
T			F		
О			L		
M			A		
A			M		
T			E		
O			S		
What ar	re the additional requirements	for VFR night flight	(FAR §92.205):		
F					
L					
A					
P					
S					
Inspecti	ions required:				
A	Current Annual – every _				
V	VOR test – every days				
1	Hour Inspection				
A	Altimeter/Pitot Static System – every months				
T	Transponder – every months				
E	ELT – every month	18			
Persona	ıl Checklist – I'M SAFE				
т	M S	Δ	E	E	