

TEST YOUR KNOWLEDGE!!

1. The characteristics of unstable air are

	VISIBILITY	PRECIPITATION	DOLDRUMS
a)	poor	steady	stratus
b)	good	showers	cumulus
c)	good	steady	stratus

2. Rising air becomes colder because the

- a) pressure decreases with height and the air expands
- b) surrounding air is colder at higher levels
- c) water vapour in the air becomes less at increased heights

3. Runway visual range will only be measured at an aerodrome if the meteorological visibility is

- a) less than 10 km
- b) 5 km or less
- c) 1.5 km or less

4. When a cold front moves over Cape Town, the wind will

- a) change from fresh north-westerly to strong south westerly
- b) change from fresh north westerly to strong south easterly
- c) will remain strong westerly

5. To fly for maximum endurance the aircraft should fly at

- a) the speed produced by the lowest power setting
- b) the speed produced by the best lift/drag ratio
- c) the speed produced by the highest power setting available

6. V_{ref} is

- a) $1.1 V_{so}$
- b) $1.3 V_{so}$
- c) $1.5 V_{so}$

7. The speed V_{ref} is

- a) a flap cross reference speed
- b) a landing reference speed
- c) a take-off reference speed

8. When a pitot tube is clogged, the instrument which would be affected is the
- VSI
 - Altimeter
 - ASI
9. flight is made from an area of high pressure into an area of lower pressure without the altimeter setting being adjusted. If a constant indicated altitude is maintained, the altimeter would indicate
- the actual altitude above sea level
 - higher than the actual altitude above sea level
 - lower than the actual altitude above sea level
10. If a standard rate turn is maintained the time required to turn clockwise from a heading of 090° to a heading of 180° is
- 30 seconds
 - 1 minute
 - 1.5 minutes
11. When turning from East to South in the Southern Hemisphere you should
- Roll out on about 200°
 - Roll out on 175°
 - Roll out on 160°
12. While flying to a VOR, the CDI indicates ¼ scale to the right of centre. If it remains in the same position for several minutes you are
- Flying away from the radial
 - maintaining the same distance from the radial
 - flying closer to the radial

Answers

1. B	2. A	3. C	4. A	5. A
6. B	7. B	8. C	9. B	10. A
11. C	12. C			