The purpose of this quiz is to have you revisit several subject areas and discuss some of these with your check pilot.

1. The transition from enroute through the approach can be divided into five elements. They are, in order, 1 __________________, 2 __________________, 3 __________________, 4 __________________, 5 __________________.

2. What are the standard alternate minimums?
   a. __________________________________________________________
   b. __________________________________________________________

3. What are the lowest alternate minimums for Boeing Field ILS 13 approach?
   __________________________________________________________

4. When is an alternate airport not required to be included in an IFR flight plan?
   __________________________________________________________
   __________________________________________________________
   __________________________________________________________

5. You have just departed a non-tower airport and are following the instrument departure procedure. You call ATC and the controller responds with "Radar Contact". At this point you should maintain __________________ and ________________.

6. How long after the proposed departure time listed on the filed flight plan will Center hold your clearance? _______________________________________________

7. When should you reduce speed to enter a holding pattern? ________________

8. What type of weather report is represented by the following? (Circle one)
   
   UA /OV OKC-TUL /TM 1800/FL 120 /TP BE90 /SK 018
   BKN 055/072 OVC 089 /CLR ABV /TA -9 /WV 0921
   /TB MDT 055-72 /IC LGT-MDT  CLR 072-089
   
   a. 12 Hour Vertical Analysis
   b. PIREP
   c. Area Forecast
   d. Route Forecast

9. In the weather report of the previous question, what is the temperature at 12,000 feet?
   __________________________________________________________
10. What preflight action can be performed to enhance your navigation equipment reception and accuracy? (Circle one)
   a. Make sure battery terminals are clean and secure.
   b. Clean all grease and dirt from antennas.
   c. Use static spray on antennas before flight.

11. In a standard rate turn how long does it take to turn to the left from 090 to 300 degrees? (Circle one)
   a. 30 seconds
   b. 40 seconds
   c. 50 seconds
   d. 60 seconds

12. What is the obstacle clearance provided for a circling approach?
   ________________________________________________________________

13. You are flying on V27 when ATC advises "Cleared to the Hoquiam Airport, cruise 6000." Do you have to advise ATC if you want to descend to the MDA?
   ________________________________________________________________

14. With the clearance of the previous question, can you initiate an approach to Hoquiam Airport without further ATC clearance? ______________________________

15. What is the minimum obstacle clearance provided by the controllers minimum vectoring altitude (MVA)?
   ___________________________________________________________________
   ___________________________________________________________________

16. How soon before reaching a clearance limit should you expect to receive a further clearance? ______________________________

17. What is the significance of both an MEA and a MOCA being prescribed for a route segment?
   MEA: ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________
   MOCA: ___________________________________________________________________
   ___________________________________________________________________
   ___________________________________________________________________
18. When shall an enroute climb to a higher MEA be initiated? _________________

________________________________________________________________
________________________________________________________________
________________________________________________________________

19. What is the aircraft position relative to the station indicated by the following VOR receiver? (Circle one)

a. North
b. East
c. South
d. West

20. What is the aircraft position relative to the station indicated by the following VOR receiver? (Circle one)

a. South
b. Northwest
c. Southeast
d. Northeast
21. What is the aircraft position relative to the station indicated by the following VOR receiver? (Circle one)

a. East  
b. Southeast  
c. West  
d. Northwest