ATC Basics - Take Home Test - 7110.65 & AIM

1. List, in priority order, the four specific Primary Purposes of Air Traffic Control
   a. 
   b. 
   c. 
   d. 

2. Where, in FAAO 7110.65, is on which pages in 7110.65 changed
   a. 

3. In FAAO 7110.65, where would you look find word meanings
   Give the Chapter, Title, and Section, Title
   a. 

4. Per FAAO 7110.65, Is provision of Additional Services mandatory or optional?
   a. 

5. What factors must an Air Traffic Controller consider to determine her or his ability to
   provide Additional Services?
   a. 
   b. 
   c. 
   d. 
   e. 
   f. 

6. Per FAAO 7110.65, what conditions allow for deviations from 7110.65 procedures
   7110.65?
   a. 
   b. 
   c. 

7. List, in priority order, the three specific Duty Priorities for Air Traffic Controllers
   a. 
   b. 
   c. 

8. What Factors might preclude a Controller from providing the third Duty?
   a. 
   b. 
   c. 
   d. 

9. In deciding to use Automation procedures in preference to Non-Automation procedures, the Controller should consider what?
   a. 
   b. 
   c. 

10. In deciding to use Radar procedures in lieu of Non-Radar Procedures, the Controller should consider what?
    a. 
    b. 
    c. 
    d. 

11. In deciding to use Non-Radar procedures in lieu of Radar Procedures, the Controller should consider what?
    a. 

12. What is the primary Operational Priority rule for providing Air Traffic Control Services?
    a. 

13. What specific circumstances alter the Primary Operational Priority Rule?
    Make your list in priority order according to Para 2-1-4
    Provide a few words to explain each circumstance
    a. 
    b. 
    c. 
    d. 
    e. 
    f. 
    g. 
    h. 
    i. 
    j. 
    k. 
    l. 
    m. 
    n. 
    o. 

14. What do these words mean for Air Traffic Control
    a. SHALL -- 
    b. SHOULD -- 
    c. WILL -- 
    d. IMMEDIATELY -- 
    e. EXPEDITE -- 
    f. MINIMUM FUEL -- 
15. What condition would prompt an Air Traffic Controller to issue a Safety Alert to the Pilot
   a. 

16. Proximity to what three items would put an aircraft in an unsafe position?
   a. 
   b. 
   c. 

As an Air Traffic Controller, you must know how to report essential flight information and to whom.
17. Where would you look in Chapter 2 of FAAO 7110.65 for information on reporting essential flight information (give Section and Paragraph number)
   a. 

18. What conditions would create a need make a report?
   a. 

19. As an Air Traffic Controller, what is the first step, and the next two optional steps that would you take if an aircraft reports a NAVAID malfunction (presume an aircraft reports JAN DME is inoperative? (Skip the specifics about forms for the reports)

   FIRST STEP
   a. 

   NEXT TWO OPTIONAL STEPS
   b. 
   c. 

20. As an Air Traffic Controller, what information do you record if an aircraft reports a GPS anomaly?
    a. 
    b. 
    c. 
    d. 

21. What does the acronym MARSA mean
    a. 

22. What is RVSM(a), where does RVSM (what altitude) commence(b), and end (c)
    a. 
    b. 
    c. 

23. How should an air traffic controller provide services to a formation flight
    a. 


24. Under what three conditions would an FAA controller use Military Procedures in lieu of FAA procedures?
   a. 
   b. 
   c. 

25. When must coordination occur between two ATC entities that are controlling an aircraft - prior to what flight condition?
   a. 

26. When transferring an aircraft to another ATC entity, what information must the releasing controller ensure the accepting controller has, pertaining to the aircraft the releasing controller is transferring? Where must the aircraft be?
   a. 

27. What critical final requirement (action) must the releasing controller be sure to do before transferring control of the aircraft to the accepting controller?
   a. 

28. Normally, to transfer Radio Communications, when must the releasing controller transfer communications to the accepting controller (where must the aircraft be)?
   a. 

29. What is the exception to the Radio Communications Transfer Rule (Hint – LOA)
   a. 

30. What two items of information must the relieving controller provide to the aircraft to accomplish a Radio Communications Transfer
   a. 
   b. 

31. To reduce radio traffic, if a pilot makes a request the Controller clearly understands and is sure the pilot clearly understands, what phraseology may the Controller use to approve the pilot’s request?
   a. “

32. When should a Controller issue an Wake Turbulence Advisory?
   a. 

33. In a non-radar air traffic control environment, when a Controller issues traffic alerts, what information items must the Controller tell the pilot?
   a. 
   b. 
   
   And, If known
   c. 
   d. 

34. In a radar air traffic control environment, when a Controller issues traffic alerts, what information items must the Controller tell the pilot?
   a. __
   Or, for maneuvering traffic
   a. __
   b. __
   c. __
   d. __
   e. __

35. Should the Controller advise a Pilot of a suspected Pilot Deviation?
   a. __
   And, If what (condition of time or circumstance)
   b. __

36. What does the acronym TCAS mean?
   a. __

37. What transponder must each aircraft have for TCAS to work?
   a. __

38. What does the acronym TAWS mean?
   a. __

39. What is the major operational difference between TCAS and TAWS?
   a. __

Use correct phonic speech for (Use Phonic Spelling)

40. Jet route 27 - __________________________

41. Victor Airway 435 - __________________________

42. JAN 047 degree Radial at 25 DME –
   __________________________________________

43. Jackson area altimeter setting 29.80 –
   __________________________________________

44. UAL 243 to slow airspeed to 250 knots -

45. If the barometric pressure is falling rapidly, how often should the Controller issue the Altimeter setting
   a. __