

FINAL EXAMINATION AIRLAW AND REGULATIONS

FLIGHT DISPATCH 22

PART 1

1. Which of the following correctly relates to scheduled flights
 - a) There must be no duplication of services
 - b) The schedule must be agreed between individual states
 - c) As many flights as possible may be scheduled after the schedule is agreed
 - d) The airlines involved must use the same number of aircraft

2. What does the structure of ICAO consist of
 - a) A council, a secretariat, and committees and commissions
 - b) An Assembly, council, secretariat committees and commissions
 - c) A ruling council of a small number of permanent states with committees and commissions reporting to the council
 - d) A assembly of all contracting states meeting once a year from which the council of 33 states is elected, a secretariat, committees and commissions

3. ICAO has regional structures. What is the reason for this
 - a) Due to the different requirements for air navigation in different parts of the world
 - b) To reduce the workload at the ICAO headquarters
 - c) To make ICAO more acceptable to local authorities
 - d) To provide local expertise to assist with formulation for air navigation

4. If an aircraft is on the maneuvering area and the tower shines a flashing white light, What would it mean and how would the pilot acknowledge
 - a) Return to the start point – shake the rudder
 - b) Tax clear of the landing area - flash your landing lights twice
 - c) Beware that other aeroplanes are taxiing – move the ailerons
 - d) Give way to landing aircraft - stop

5. Which of the following is a technical freedom
 - a) The freedom to land at any aerodrome in a contracting state to drop off passengers
 - b) The freedom to overfly a contracting state
 - c) The freedom to land in a contracting state to refuel and load cargo
 - d) The freedom to land in a contracting for traffic purposes

6. According to the Tokyo convention of 1963 who is has jurisdiction over acts committed on board an aeroplane
 - a) The commander
 - b) The state of registry

- c) The state of the operator
 - d) The state over which the aeroplane was flying when the act was committed
7. For how long are the members of the ICAO council appointed to sit on the council
- a) 2 years
 - b) 1 year
 - c) 3 years
 - d) 4 years
8. When a runway has a displaced threshold, What colour are the edge lights between the end of the runway and the displaced threshold, showing in the direction of the approach
- a) Blue
 - b) White
 - c) Red
 - d) Green
9. For planning purposes, an aerodrome is categorized by the aerodrome reference code. This consists of two elements, a number and a letter. What does the letter relate to
- a) The load classification number
 - b) The wing span and the main outer gear span
 - c) The takeoff distance required for an aeroplane
 - d) The main outer gear span and the maximum takeoff weight (MTOW)
10. The height of the registration marks under the wings of an heavier than air aircraft shall be
- a) At least 60 cm
 - b) At least 75 cm
 - c) At least 50 cm
 - d) At least between 40 cm and 50cm
11. Runway threshold markings consist of a number of stripes. How many stripes are there for a runway with 60 m wide
- a) 6
 - b) 8
 - c) 16
 - d) 12
12. The ICAO regional office for the AFI region (Africa and the Indian Ocean) is headquartered at
- a) Dakar Senegal
 - b) Nairobi in Kenya
 - c) Cairo in Egypt
 - d) Lagos in Nigeria

13. Which of the following concerning aerodrome signs
- Mandatory signs: Black background with red inscriptions
 - Information signs: Black or yellow background with black or yellow inscriptions
 - Mandatory signs: Red background with black inscriptions
 - Information signs: Orange background with black inscriptions
14. If you are slightly below the glide slope what indication would you expect to see from a PAPI system
- Three white and one red – the red nearest to the runway
 - Three red and one white – the white nearest to the runway
 - Three white and one red – the red furthest to the runway
 - Three red and one white – the red furthest to the runway
15. The level of rescue and firefighting facilities depend upon the Cat of the aerodrome. What factors determine this CAT
- Aeroplane reference field length, wing span and outer main gear wheel span of the longest aircraft using the aerodrome
 - The length of the longest runway and the area to be covered
 - The overall length and the fuselage width of the longest aircraft normally using the aerodrome
 - The length of the longest runway and the total number of aircraft parking positions
16. What colour are the last 300m of a runway centerline lighting
- Alternating white and red
 - Red
 - Alternating yellow and white
 - White
17. Which of the following is an obligation of being an ICAO contracting state?
- ICAO must be informed about all new flight crew licenses and any suspension validity of such licences
 - ICAO must be informed about differences from standards detailed in any of the annexes
 - ICAO must approve the pricing of tickets on international airline connections
 - ICAO must be informed about changes to contracting states regulations
18. The objectives of ICAO were defined by
- The Tokyo convention of 1963
 - The Chicago convention of 1944
 - The Warsaw convention of 1929
 - The Rome convention of 1953
19. What letters are prohibited for use as registration marks of an aircraft
- 4 letter international codes
 - 5 letters combination used in international codes
 - 4 letter codes preceded by Q as used in the Q code
 - Two letters preceding the nationality mark

20. You see yellow runway edge lights. What do this mean
- You are slightly below the glide path
 - You are within 600m of the end of the runway
 - You are in the stopway
 - The ground beyond the lights is unfit for aeroplane movement
21. To what types of aeroplane are the standards of airworthiness detailed in annex 8 applicable
- All aeroplanes that are carrying passengers.
 - Only aeroplanes with two engines or more.
 - Aeroplanes with a maximum certified takeoff weight of 5,700 kgs or more flying for carriage of passenger, cargo and mail.
 - Aeroplanes of maximum takeoff weight of more than 5,700 kgs with 2 or more engines more flying for carriage of passenger, cargo and mail internationally
22. What is the width of the stopway
- 150 m
 - Not less than 30 m
 - The same as the runway
 - 1.5 times the width of the runway
23. The continuous validation of a certificate of airworthiness is depended upon what
- The continuous registration of the aeroplane
 - The continuous use of the aeroplane for the purpose stated in the certificate of registration
 - The continued airworthiness of the aeroplane as determined by periodic inspections
 - The establishment of a schedule for servicing and repair of the airplane in accordance with the regulations
24. What colour are the runway designators markings
- Yellow and green
 - Blue and yellow
 - Black and on a white background
 - White on a black background
25. Which of the following is true of an Operations Manual
- It is the responsibility of the authority to provide it to operations and other personnel
 - A current copy of the manual must be approved by the authority
 - The manual is specific for a particular type and model of an aircraft
 - The manual contains the overall, general company policies and procedures
- 3, 2, 4 are correct
 - 1, 2, 3, 4 are correct
 - 2, 3, 4 are correct
 - 1, 2, 4 are correct

26. An AOC applicant must fulfill the following to be issued with the certificate by the authority.
The operator must
1. Have his principal place of business in Nairobi
 2. Have dry leased all the aircraft from a foreign country
 3. have an adequate organization to supervise and control flight operations
 4. be properly qualified and adequately staffed
- a) 1 ,2 and 4 are correct
b) 1 ,2, 3 and 4 are correct
c) 1, 3 and 4, are correct
d) 2, 3 and 4 are correct
27. What does a double horizontal white cross on an aerodrome signal area mean?
- a) Glider flying in progress
 - b) Runway is unfit for use
 - c) Light aircraft may taxi on the grass
 - d) Runway to be used for takeoff but aircraft may taxi on the grass
28. Which of the following is not a mandatory sign
- a) No entry sign
 - b) Runway holding point sign
 - c) Apron sign
 - d) Runway designation sign
29. There are two types of taxiway holding point markings. Which type is always the closest to the runway
- a) Pattern B
 - b) Pattern A
 - c) Depends on the colour of the markings
 - d) It depends on the type of runway
30. The responsibility for making the operations manual available to the members of operating crew is
- a) The Chief Pilot
 - b) The Pilot in command
 - c) The Operator
 - d) The authority
31. A minimum equipment list contains
- a) The overall general company policies and procedures
 - b) The procedures and limitations to be followed in servicing of aircraft
 - c) The circumstances, limitations and procedures for release of aircraft with inoperative equipment
 - d) The normal, abnormal and emergency procedures to be followed in aircraft operations

32. An owner of an aircraft who sells the aircraft shall surrender the certificate of airworthiness,
- to the authority upon sale of the aircraft within Kenya;
 - to the buyer in the case of an aircraft sold outside Kenya
 - to the state of registry
 - to the buyer in case the aircraft is sold in Kenya
33. you are taxiing on the maneuvering area of an aerodrome and see a flashing green light from the tower, what does that mean
- Return to the starting point and await clearance
 - Clear to taxi
 - Stop
 - Clear to take off
34. Which Annex of the Chicago Convention covers the handling of passengers and their baggage?
- Annex 1
 - Annex 16
 - Annex 9
 - Annex 15
35. What is the requirement for the issue of an Air Operators Certificate?
- Not already hold an Air Operators Certificate issued by another authority
 - Have a fleet of serviceable aeroplanes
 - Have registered offices in all countries of operations
 - Have facilities for all maintenance
36. If a person is injured by a part falling from of an aircraft flying over the state but registered in another state, which convention covers this?
- Chicago
 - Tokyo
 - Paris
 - Rome
37. Which of the following statement is correct
- Taxiway markings are white and runway markings are yellow
 - A clearway has the same function as the RESA
 - Taxiway markings are yellow and runway markings are white
 - Runway markings are yellow and taxiway markings are green
38. The following persons are authorized to issue a return to service certificate
- An approved maintenance organization
 - A person performing maintenance under the supervision of an engineer
 - A licensed aircraft maintenance engineer
 - A pilot licensed by the authority

39. An equipment on a public transport airplane fails while the aircraft is still parked. The reference document use to decide on the procedure to follow is the:
- Operation manual's chapter 'Abnormal and Emergency procedures'
 - Flight manual
 - Air Crew Operating manual
 - Minimum equipment list
40. The standards of Annex 8 on Airworthiness of Aircraft relate to:
- Large aeroplanes
 - Large turbojet powered aeroplanes
 - Aircraft with MTOW greater than 5700kgs
 - Passenger carrying aeroplanes
41. According to the Chicago convention and the "international" law, which of the states below has the first obligation to prosecute an offence?
- The state from where the aircraft departed from
 - The state whose citizens were involved in the offence
 - The state of registry of the aircraft
 - The state in whose airspace the offence is committed
42. Which of the following is not a certificate of airworthiness?
- Restricted certificate of airworthiness
 - Export certificate of airworthiness
 - Certificate of fitness to fly
 - Certificate of airworthiness
43. The Rome convention and the latter amendments deals with
- Offences and certain other acts committed on board aircraft
 - Damage caused by foreign aircraft to third parties on the surface
 - Regulation of transportation of dangerous goods by air
 - Damage committed by any aircraft to third parties on the surface
44. Which of the following describes a mandatory sign?
- Red writing on a white background
 - Yellow writing on a black background
 - White writing on a red background
 - Black writing on a yellow background
45. Which of the following is a combination of letters not permitted as an aircraft registration mark
- Charlie Romeo Alfa Papa
 - Sierra Oscar Sierra
 - Juliet Alfa Alfa
 - Sierra Alfa Rome

46. What does a number 4 in the aeroplane reference field length element of the aerodrome reference code mean
- a) Landing distance required more than 1800 m
 - b) Take off run required more than 1800m
 - c) Take off distance required more than 1800m
 - d) Runway length not less than 1800 m
47. Who is responsible for the issue of the certificate of airworthiness?
- a) The authority of the state of registration
 - b) The joint Aviation authority
 - c) The director of maintenance
 - d) The Operator
48. The right privilege of an airline registered in one state to take on traffic in a second state and put them down in a third country is called
- a) Second freedom.
 - b) Cabotage.
 - c) Fifth freedom.
 - d) Sixth freedom
49. When fixed distance marking has to be provided, these markings shall commence at
- a) 450 m from threshold
 - b) 600 m from threshold
 - c) 300 m from threshold
 - d) 150 m from threshold
50. Which of the following statements is correct
- a) Runway markings and taxiway markings are white
 - b) Runway markings are yellow and taxiway markings are white
 - c) Runway markings and taxiway markings are yellow
 - d) Taxiway markings are yellow while runway markings are white

PART B

1. Define any **two sets** of the following to differentiate them
- i. Operations manual / Aircraft operating manual
 - ii. Certificate of Airworthiness / Certificate of fitness for flight
 - iii. Aerodrome reference code / Aerodrome reference point
 - iv. Runway strip / Runway stopway

8 marks

2. (a) Mention the conditions that one has to fulfill to be issue with an air operators certificate.
(8marks)

(b) Mention at least six types of documents /manuals an air operator's certificate applicant must develop and present to the authority.
(6 marks)

3. (a) State at least **four** conditions that would cause an aircraft not to be registered in Kenya
(4 marks)

(b) List the persons who are authorized to perform maintenance, preventive maintenance and modification-of an aircraft
(4 marks)

4. (a) Explain the meaning of the “ **O**” and “**M**” symbol as appears in column 4 of the Minimum Equipment List.
(8 marks)

(b) Indicate the repair schedules indicated by the following letters **A, B, C, D** as appears in the Minimum Equipment List
(4marks)

5. Explain how runway edge lights and the runway centre line lights give distance information to the pilot
(8 marks)