

AFRICAN SCHOOL OF AVIATION
AIR LAW AND REGULATIONS FINAL EXAM FD 24

PART A

Answer all questions

Each question has one mark

1. The specifications contained in ICAO annexes, the uniform application of which is necessary and desirable are referred to as
 - a) Standard practices
 - b) Recommended practices
 - c) Standards and recommended practices
 - d) None of the above is correct
2. When fixed distance markings have to be provided, the markings shall commence at
 - a) 300m from the threshold
 - b) 150m from the aiming point
 - c) 300m from the centre
 - d) 150m from the threshold
3. Who is responsible for adaption of international standards
 - a) The Assembly
 - b) The Secretariat
 - c) The Council
 - d) The regional offices
4. A certificate of airworthiness shall be issued if the aircraft is to be flown for the following purposes. Which one is not true.
 - a) Commercial air transport for passengers and cargo
 - b) Aircraft used for air races
 - c) General aviation
 - d) Aircraft for aerial work
5. Which of the following annexes to the Chicago convention contains standards and recommended practices on carriage of Cargo
 - a) Annex 6
 - b) Annex 16
 - c) Annex 9
 - d) Annex 17
6. What does a simple approach lighting system consist of
 - a) Five bar and centerline
 - b) Centre line and threshold lights
 - c) Single centre line and a crossbar
 - d) Threshold lights and wing bar lights
7. The Warsaw convention and later amendments deal with
 - a) The regulation of transportation of dangerous goods
 - b) Operators license for international scheduled aviation

- c) The security systems at airports
 - d) Limitation of operators responsibility in passenger and goods transportation
8. One of the main objectives of ICAO is to
- a) Approve ticket prices set by international airline companies
 - b) Approve new international airlines with jet engines
 - c) Encourage arts of aircraft design and operation
 - d) Approve new regulations from member states
9. When letters are used for the registration mark, combinations shall not be used which might be confused with the
- a) Three letter combinations used in the international code of signals.
 - b) Letters used for ICAO identification documents
 - c) Five letter combinations used in the international code of signals.
 - d) Four letter combination beginning with letter Q. as used in the Q code
10. What colour are the runway designators markings
- a) Yellow
 - b) Blue
 - c) Black and on a white background
 - d) White
11. The second freedom of the air is
- a) The right to cabotage traffic
 - b) The right to operate commercial passenger flight with passengers on board between two states.
 - c) The right to land for refueling and maintenance of aircraft
 - d) The right to overfly without landing
12. The Rome convention and the latter amendments deals with
- a) Offences and certain other acts committed on board aircraft
 - b) Damage caused by foreign aircraft to third parties on the surface
 - c) Regulation of transportation of dangerous goods by air
 - d) Damage committed by any aircraft to third parties on the surface
13. 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) ICAO
 - d) The Operator
14. Which Annex to the Chicago Convention covers the entry and departure of aircraft, passengers and their baggage from an international airport is?
- a) Annex 15
 - b) Annex 16
 - c) Annex 9
 - d) Annex 18

15. The ICAO governing body is known as
- a) The General assembly
 - b) The secretary General
 - c) The Council
 - d) The Chief Committee
16. Which of the following can be issued by a licensed aircraft maintenance engineer?
- a) Certificate of airworthiness
 - b) Certificate of fitness to fly
 - c) Certificate of registration
 - d) Air operators certificate
17. The height of aircraft registration marks under the wings of a heavier than air aircraft shall be
- a) At least 30 cm
 - b) At least 40cm
 - c) At least 50 cm
 - d) More than 40 cm but not more than 50 cm
18. Which of the following is not a certificate of airworthiness?
- a) Restricted certificate of airworthiness
 - b) Export certificate of airworthiness
 - c) Certificate of fitness to fly
 - d) Certificate of airworthiness
19. Which of the following statement is correct
- a) Taxiway markings are white and runway markings are yellow
 - b) A clearway has the same function as the RESA
 - c) Taxiway markings are yellow and runway markings are white
 - d) Runway markings are yellow and taxiway markings are green
20. Where must the certificate of registration of an aeroplane is kept whilst the aeroplane is in flight
- a) In the registered office of the operator
 - b) By the authority of the state of registration
 - c) On the ground at the point of departure
 - d) In the aeroplane
21. The following cities accommodate ICAO regional offices
- a) Mexico City, New York, Tokyo
 - b) Paris, Nairobi, Bangkok
 - c) Lima, Moscow, Dakar
 - d) Cairo, Bombay, Paris
22. What is the requirement for the issue of an AOC?
- a) Not already hold an AOC issued by another authority
 - b) Have a fleet of serviceable aeroplanes
 - c) Have registered offices in all countries of operations

- d) Have facilities for all maintenance
23. What does the structure of ICAO consist of
- a) A Council, a Secretariat, Committees and Commissions
 - b) An Assembly, Council, Secretariat, Committees and Commissions
 - c) A ruling council of small number of permanent states with Committees and Commissions
 - d) An assembly of all contracting states which meets once a year to elect an overall president
24. The following persons are authorized to approve an aircraft for return to service except one
- a) An approved maintenance organization
 - b) A person performing maintenance under the supervision of an engineer
 - c) A licensed aircraft maintenance engineer
 - d) A pilot licensed by the authority
25. An equipment on a public transport airplane fails while the aircraft is still parked. The reference document used to decide on the procedure to follow is the:
- a) Operation manual's chapter 'Abnormal and Emergency procedures'
 - b) Flight manual
 - c) Air Crew Operating manual
 - d) Minimum equipment list
26. The international air services transit agreement embodies the technical freedoms of the air. Which of the following is a technical freedom
- a) The freedom to overfly a contracting state
 - b) The freedom to land at any aerodrome in a contracting state to drop off passengers
 - c) The freedom to land in a contracting state and refuel and unload cargo
 - d) The freedom to land in a contracting state for traffic purposes
27. Which of the following concerning aerodrome signs is correct
- a) Mandatory signs: Black background with red inscriptions
 - b) Information signs: Black or yellow background with black or yellow inscriptions
 - c) Mandatory signs: Red background with black inscriptions
 - d) Information signs: Orange with black inscriptions
28. What is the width of the stopway
- a) 150 m
 - b) Not less than 30m
 - c) The same as the runway
 - d) 1.5 times the width of the runway
29. Who compiles the MEL and where does it go?
- a) The manufacturer and in the Flight Manual
 - b) The Authority and in the Operations Manual
 - c) The operator and in the Flight Manual

- d) The operator and in the Operations Manual
30. 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
31. 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
32. If a state applied cabotage, what would be prohibited?
- International scheduled operation in state B by an aircraft registered and owned by an operator in state A.
 - Internal operations in state B by an aircraft registered and owned by an operator in state A.
 - Non scheduled operations in state B by an aircraft registered and owned by an operator in state A.
 - Privately operated scheduled flights.
33. The Standards contained in the annexes to the Chicago convention are to be considered,
- Binding for all airline companies with international traffic
 - Binding for all member states that have not notified ICAO of any national difference
 - As advice and guidance for the air legislation within the member states
 - Binding for all member states
34. The ICAO annex which deals with airworthiness of aircraft is
- Annex 7
 - Annex 14
 - Annex 9
 - Annex 8
35. 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
36. The aerodrome reference code consists of code element 1 (aerodrome reference field length) and code element 2. What does code element 2 define
- Wing span and inner main gear wheel span
 - Fuselage width and inner main gear wheel span

- c) Fuselage width and outer main gear wheel span
 - d) Wing span and outer main gear wheel span
37. The continued validity of a certificate of airworthiness of an aircraft is subject to the laws of
- a) The state of registry
 - b) The state of registry and the state of the operator
 - c) The state of operator
 - d) The state of registry and the state of design
38. Which of the following is a valid aircraft registration mark
- a) 5Y - XXX
 - b) 5Y - QDR
 - c) 5Y - SQT
 - d) 5Y - TTT
39. What does the TORA (take off run available) include?
- a) The Stopway
 - b) The Runway
 - c) The Runway prior to a displaced threshold
 - d) Runway End Safety Area (RESA)
40. An aircraft shall not be registered or continue to be registered in Kenya
- a) Unless it has been manufactured in a contracting state
 - b) If it is registered in another state
 - c) If it changes the registered operator
 - d) It is operated by a person who is not a Kenyan citizen
41. The certificate of airworthiness or a restricted certificate of airworthiness is valid for
- a) 6 months
 - b) 12 months
 - c) Not limited as long as the aircraft is serviceable
 - d) 24 months
42. An owner or operator of an aircraft must report to the Authority any failures, malfunctions, or defects concerning an aircraft: What does the authority do with the report
- a) Forward it to the manufacturer and to the operator.
 - b) Forward the report to the state of registry in case the aircraft is registered in another state
 - c) Forward the report to the accident investigation department
 - d) Forward the report to the manufacturer or the state of design in case the aircraft is registered in another state

43. Taxiway edge lights are

- a) Fixed showing green
- b) Flashing showing blue
- c) Fixed showing white
- d) Flashing showing green

44. For how long is the air operator's certificate holder supposed to retain the aircraft technical logbook and the journey log documents?

- a) 6 months
- b) 12 months
- c) 2 years
- d) one year

45. Which of the following is true of an Operations Manual

- 1. It is the responsibility of the operator to provide it to operations and other personnel
- 2. A current copy of the manual must be submitted to the authority
- 3. The manual is valid for 12 months after which it is revised
- 4. The manual contains the overall, general company policies and procedures
 - a) 1, 2, 4 are correct
 - b) 1, 2, 3, 4 are correct
 - c) 2, 3, 4 are correct
 - d) 1, 3, 4 are correct

46. You see yellow runway edge lights. What do this mean

- a) You are slightly below the glide path
- b) You are within 600m of the end of the runway
- c) You are in the stopway
- d) The ground beyond the lights is unfit for aeroplane movement

47. What is Cabotage?

- a) Flying over territorial waters and the high seas
- b) Flying from one airport to another in the same state
- c) Routes flown by a national carrier in the state
- d) Limitation of domestic scheduled air services to national carrier

48. The responsibility for making the operations manual available to the members of operating crew is

- e) The Chief Pilot
- f) The Pilot in command
- g) The Operator
- h) Director of maintenance

49. Who is responsible for determining the continuing airworthiness of an aeroplane?

- a) The State of Registry
- b) The Owner/Operator
- c) The pilot in command
- d) The certifying manager for the JAR 145 approved maintenance operation

50. The person having the overall responsibility of an aircraft during flight is

- a) The pilot in command
- b) The operator
- c) ATC Controller
- d) The aircraft owner

PART B

Answer all questions

1. List at least **three** major ICAO publications and indicate the information they contain
(6 marks)

2. Mention at least **five** conditions to be fulfilled by an AOC applicant so as to be issued the certificate by the authority
(10 marks)

3. (a) List the qualified persons in relationship to ownership of an aircraft in Kenya
(4 marks)

(b) State **four** conditions that would cause an aircraft not to be registered in Kenya
4marks)

4. (a) List at least six main aims and objectives of ICAO **6 marks**
(b) A certificate of airworthiness will only be issued to an aircraft for specific purposes.
List four of them **4 marks**
(c) What is a certificate of fitness for flight? State the persons who are qualified to issue the certificate **4 marks**

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

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