



EAST AFRICAN SCHOOL OF AVIATION

FINAL EXAMINATION

SUBJECT: DANGEROUS GOODS

COURSE: CAT COURSE NO.33

Duration: 2 Hours

DAY/DATE:

Time: 11.00 A.M. – 1.00 P.M.

INSTRUCTIONS TO CANDIDATES.

- 1. ANSWER ALL QUESTIONS**

1. *On a hazard label, what would a one-digit number represent?*
 - A. The class of goods it belongs to
 - B. The division of goods it belongs to
 - C. How dangerous the goods are, with 1 representing the greatest danger
 - D. The degree to which the item is flammable
2. *Oxidizing substances are dangerous because they?*
 - A. Are corrosive
 - B. Ignite easily and burn rapidly
 - C. Are toxic if inhaled
 - D. Will explode under pressure
3. *The main danger posed by lithium or lithium-ion batteries is that they can?*
 - A. Short circuit, overheat and then explode
 - B. Leak and contaminate the area around them
 - C. Interfere with the aircraft's navigation system
 - D. Explode as the cabin pressurization changes
4. *To which class of Dangerous Goods do photographic developing fluids belong?*
 - A. Class 2
 - B. Class 5
 - C. Class 8
 - D. Class 9
5. *What Dangerous Goods may be part of a mobility device?*
 - A. Butane
 - B. Fuel cells
 - C. Flammable gases
 - D. Lithium or lithium-ion batteries
6. *If passengers want to carry spare batteries for their cameras or laptop computers, what must occur?*
 - A. Receive approval from the airline
 - B. Inform the captain of their location
 - C. Pack them in the carry-on baggage
 - D. Pack them in the checked baggage
7. *During a flight passengers complain about a strange odor in one section of the aircraft. What is the first step the cabin crew should take?*
 - A. Notify the captain
 - B. Identify the source
 - C. Complete an air safety report
 - D. Remove passengers from the area
8. *The cabin crew has located a chemical spill. What should they NOT do when cleaning up the spill?*
 - A. Use water
 - B. Use a mop
 - C. Cover the spill
 - D. Place contaminated objects in polythene bags
9. *What is the shape of hazard labels?*
 - A. Circle
 - B. Rectangle
 - C. Diamond
 - D. Inverted triangle
10. *Which organization is responsible for the International standards for handling dangerous goods?*
 - A. United Nations
 - B. National Aviation Authority
 - C. International Civil Aviation Organization (ICAO)
 - D. International Air Transport Association (IATA)
11. *Which of the following statements about gas containers is FALSE?*
 - A. Many gases are flammable
 - B. A container that is damaged or dropped could explode
 - C. When the pressurization changes, the container could leak gas into the cabin
 - D. Only containers that hold dangerous gases pose a threat onboard an aircraft
12. *Which of the following items must NOT be packed in checked baggage?*
 - A. Alcoholic beverages
 - B. Hair curlers containing hydrocarbon gas
 - C. Safety matches
 - D. Radioisotopic cardiac pacemakers
13. *Which of the following items are passengers NOT permitted to carry on-board?*
 - A. Aerosol containers
 - B. Fireworks
 - C. Perfume
 - D. Clinical thermometer containing mercury
14. *Excepted dangerous goods are those that can be carried____*
 - A. As part of the aircraft safety or service equipment
 - B. When appropriately packed and transported in the hold
 - C. When there is permission from the airline
 - D. By the captain
15. *To which class of dangerous goods does a used hypodermic needle belong?*
 - A. Class 3
 - B. Class 6
 - C. Class 9
 - D. None, as it is not considered a dangerous good
16. *What type of dangerous goods does class 1 include?*
 - A. Gases
 - B. Explosives
 - C. Corrosive materials
 - D. Toxic and infectious substances
17. *Which of the following statements about dangerous goods is FALSE?*
 - A. Some dangerous goods can only be carried as cargo
 - B. Materials classified as dangerous goods cannot be carried in the cabin
 - C. Some dangerous goods can be transported on board in small quantities
 - D. Airlines are permitted to transport some dangerous goods that passengers are not allowed to carry

18. *Following an incident involving dangerous goods, what report must the cabin crew complete?*
 - A. Class 1 Report
 - B. Air Safety Report
 - C. Maintenance Safety Report
 - D. Dangerous Goods Checklist
19. *The cabin crew has identified that a flammable liquid is leaking from one of the overhead compartments. What process or guidelines should they follow?*
 - A. Air Safety Report
 - B. Passenger Locator Drill
 - C. Toxic Goods Checklist
 - D. Dangerous Goods Drill
20. *Cabin crews are an important element of the transportation chain because?*
 - A. They oversee the passengers and their luggage in the cabin
 - B. They are specially trained
 - C. They are the last line of defense
 - D. All of the above
21. *Dangerous goods in class 9 are more hazardous than those in class 1*
 - A. True
 - B. False
22. *Non-flammable, non-toxic gases do not need to be declared because they represent no danger.*
 - A. True
 - B. False
23. *To which class of dangerous goods belongs white spirit*
 - A. Class 1
 - B. Class 2
 - C. Class 3
 - D. Class 5
24. *The main danger that can be caused by dry ice is that it can*
 - A. Oxidize other substances
 - B. Destroy aluminum surfaces
 - C. Displace the oxygen in the cabin
 - D. Create extreme low temperature in the cabin
25. *Which of the following is classified as excepted dangerous goods?*
 - A. Fireworks
 - B. Turpentine
 - C. Camping gas cylinder
 - D. Portable breathing equipment
26. *When dealing with a chemical leakage, cabin crew should?*
 - A. Clean it with detergent
 - B. Clean it with water
 - C. Clean it with paint thinner
 - D. Cover it with clothing
27. *A toilet compartment may be used for isolating dangerous goods.*
 - A. True
 - B. False
28. *The dangerous goods drill describes how to?*
 - A. Identify passengers that may carry dangerous goods
 - B. Safely carry dangerous goods in the cabin
 - C. Safely carry dangerous goods in the luggage compartment
 - D. Respond when dangerous goods are discovered in the cabin
29. *Which department of the airline has the responsibility to ensure that all cargo consignments are correctly packaged and labeled with the appropriate warning labels shown?*
 - A. Customer service department
 - B. The airline cargo department
 - C. The engineering department
 - D. The rostering department
30. *Dangerous goods are articles and substances that are capable of posing a risk to health, property and _____ if not properly handled.*
 - A. Humans
 - B. Aircraft
 - C. Environment
 - D. None of the above
31. *The Air Carrier Access Act (ACAA) prohibits airlines from _____*
 - A. Transporting animals other than assistance dogs
 - B. Discriminating against passengers with disability
 - C. Denying access to air travel based on people's ethnicity
 - D. Carrying hazardous materials without proper documentation
32. *Assistance animals must be transported _____*
 - A. In the hold
 - B. In the cabin
 - C. In the cabin wearing a muzzle
 - D. In the cabin inside a travel carrier
33. *Which of the following items must NOT be packed in checked baggage?*
 - A. Alcoholic beverages
 - B. Hair curlers containing hydrocarbon gas
 - C. Safety matches
 - D. Radioisotopic cardiac pacemakers
34. *The ICAO Aviation Security Plan of Action was introduced in response to which event?*
 - A. Air India bombing
 - B. September 11th 2001
 - C. Aeroflot hijacking from Perm to Norway
 - D. Bombing of Pan American Airlines flight 103
35. *The ICAO Tokyo Convention 1963 is an agreed law regarding _____*
 - A. Dealing with disruptive passengers
 - B. Transporting hazardous materials
 - C. Serving people with disability
 - D. Transporting assistance animals

36. *The Hague Convention on the Suppression of Unlawful Seizure of Aircraft defines _____*
- When it is acceptable to restrain a passenger
 - When it is appropriate for a country's military to take down an aircraft
 - Hijacking and suggested government responses
 - Best practices for complying with International Aviation Security Regulations
37. *Which of the following is NOT an example of security tools that also speeds up the process at security checkpoints?*
- Biometric passports
 - Iris scanning
 - Fingerprinting
 - Advanced Imaging Technology
38. *Advanced Imaging Technology is used to scan _____*
- Checked baggage
 - Passengers
 - Carry-on baggage
 - The aircraft
39. *How are traveler details such as identity and passport information used by the Advanced Passenger Information System?*
- To pre-screen passengers
 - To allocate seats based on certain preferences
 - To identify passengers who don't require screening
 - To have a complete list of all passengers in the event of an accident
40. *The Tokyo Convention applies only to _____*
- IATA members
 - ICAO members
 - International flights
 - Domestic flights in Japan
41. *When a passenger is restrained, he or she should _____*
- Not be left alone at any time
 - Be left alone as this will generally help them to calm down
 - Be covered so that they are unable to spit at others
 - Be moved to a toilet if they continue to be disruptive
42. *Which of the following is NOT a form of unlawful interference commonly used by terrorist groups?*
- Hijacking
 - Bomb threats
 - Suicide bombing
 - Planting explosives
43. *Which type of hijacker is typically the easiest to negotiate with?*
- Refugee
 - Terrorist
 - Criminal
 - Mentally unbalanced
44. *During hijacking situations, hostages can sometimes develop positive feelings towards the hijackers. This is known as _____*
- Misplaced loyalty
 - Stockholm Syndrome
 - Fight or flight response
 - Self-preservation pattern
45. *On a hazard label, what would a one-digit number represent?*
- The class of goods it belongs to
 - The division of goods it belongs to
 - How dangerous the goods are, with 1 representing the greatest danger
 - The degree to which the item is flammable
46. *Oxidizing substances are dangerous because they _____*
- Are corrosive
 - Ignite easily and burn rapidly
 - Are toxic if inhaled
 - Will explode under pressure
47. *What Dangerous Good may be part of a motorized mobility device?*
- Butane
 - Fuel cells
 - Flammable gases
 - Lithium or lithium-ion battery
48. *If passengers want to carry spare batteries for their cameras or laptop computers, what must occur?*
- Receive approval from the airline
 - Inform the captain of their location
 - Pack them in the carry-on baggage
 - Pack them in the checked baggage
49. *In some countries dangerous goods are commonly known as hazardous materials*
- True
 - False
50. *The Dangerous goods classes have been arranged in order of their risks, from most hazardous to the least (i.e class 1 to class 9)*
- True
 - False
51. *A hazard label is normally _____ shaped.*
- Square
 - Hexagonal
 - Diamond
 - Circle
52. *which of the following dangerous goods classes has no division?*
- 4
 - 5
 - 6
 - 7
53. *Lithium ion batteries are in what class/division of dangerous goods?*
- Class 7
 - Division 6.1
 - Class 8
 - Class 9

END OF EXAM QUESTIONS

