



EAST AFRICAN SCHOOL OF AVIATION
FINAL EXAMINATION
SUBJECT: BASIC AIRSIDE SAFETY

Duration: 2 HRS

DATE: _____

TIME: _____

INSTRUCTIONS TO ALL CANDIDATES

- 1. Answer all questions*

- 1) Human failures can result in a number of unwanted consequences. They include Personal injury, aircraft damage or _____
- A) Death
 - B) Aircraft accidents
 - C) Flight Delays
 - D) Cabin crew injury
- 2) The ultimate purpose of an airside safety investigation is to obtain all relevant information pertaining to the incident/accident so as to _____
- A) Establish the root cause
 - B) Bring the culprits to book
 - C) Provide a detailed report
 - D) Correct the errors
- 3) The main aim of IATA's safety report is to:
- A) Provide airports with incident and accident prevention strategies
 - B) Provide IATA with Security and accident prevention strategies
 - C) Provide airlines with safety management strategies
 - D) Provide airlines with incident and accident prevention strategies
- 4) There are numerous hazards that may pose a risk to employees working at the airside
- Which one is not?
- A) Aircraft movements
 - B) Propeller engines and Helicopters
 - C) Jet Engines
 - D) Day Operations
- 5) Individuals can make poor decisions in times of less stress
- A) True
 - B) False
- 6) An accident is _____
- A) An event that happens by chance, with a deliberate intention
 - B) An event that happens by chance, without a deliberate intention
 - C) An event that happens in life, with a deliberate intention
 - D) A criminal event that happens by chance, without a deliberate intention
- 7) The station manager has a particular responsibility to _____ and _____ a culture of safety awareness among his staff.
- A) Discourage, empower
 - B) Encourage, build
 - C) Build, empower
 - D) Develop, encourage

- 8) One of the following is not among the threats to airside safety
- A) Check in agents at their stations
 - B) Conditions of the pavement including runways
 - C) Broken or damaged ground facilities
 - D) Presence of debris in parking lots
- 9) One of the following is not among the safety checklist for staff working on the ramp
- A) Check the vehicle starts and runs properly
 - B) Check window wipers
 - C) Check the boom goes up and down
 - D) Avoid using a wheel choke when positioning the GSE to the aircraft
In case brakes should fail
- 10) In case of high winds which one of the following measures should not be undertaken to safeguard the aircraft?
- A) Turn the aircraft away from the direction of wind
 - B) Close all the aircraft doors and service
 - C) Move the aircraft away from buildings
 - D) Secure aircraft with additional chocks
- 11) During safety reporting all stakeholders' pledge _____ and _____ to foster commitment.
- A) Discipline, Confidentiality
 - B) Confidentiality, No discipline
 - C) Security, Safety
 - D) All of the above
- 12) Training and communication safety issues fall under which element in ICAO's Four Crucial Elements of an SMS?
- A) Safety Policies and Objectives
 - B) Risk Management
 - C) Safety Assurance
 - D) Safety Promotion
- 13) A _____ applies to both the chance of harm or damage happening, as well as what the eventual consequence would be
- A) Risk Management
 - B) Hazard
 - C) Risk Assessment
 - D) Risk

14)IOSA Stands for_____:

- A) IATA Operational Safety Audit
- B) IATA Organizational Safety Audit
- C) ICAO Operational Safety Audit
- D) ICAO Operational Safety Audit

15)ISAGO Stands for_____:

- A) IATA's Safety Audit for Ground Operations
- B) IATA's Safety Audit for Ground Organizations
- C) ICAO's Safety Audit for Ground Operations
- D) IATA's Security Audit for Ground Operations

16)An _____ pool involves the sharing of auditing reports across airlines as a means to cut costs and improve safety

- A) Audit
- B) Security
- C) Safety Pool
- D) Both B and C

17)Which one of the following is not among the common types of ramp accidents?

- A) Accidents to passengers
- B) Accidents to personnel
- C) Damage to aircraft
- D) Damage to terminal building

18)All ramp personnel should remember all but one of the following pieces of advice. Name it

- A) Don't be a victim of someone else's carelessness
- B) Stay alert and stay safe
- C) Always follow the procedure (even if you agree with it or not)
- D) Safety is a good as its weakest link

19)"Haste" is one of the causes of accidents on the ramp. It means_____

- A) Hasty movements impair Concentration and Control
- B) Hasty movements impair Results and Control
- C) Hasty movements impair Accuracy and Control
- D) Hasty movements impair Concentration and Focus

20)One of the following is not under the airport's responsibility.

- A) Field and building maintenance
- B) Surface conditions
- C) Provision of signage
- D) Air Traffic Control

21)All employees working on the ramp must be made aware of all but one of the following

- A) Consequences of not following rules
- B) Recognizing hazards
- C) Identifying main causes of accidents
- D) Dangerous goods classes

22)One of the following is not among the personal protective equipment.

- A) High visibility vest
- B) Sturdy footwear
- C) Ear protectors
- D) Illuminated wands

23)Working uniforms can cause accidents and incidents on the ramp in all but one of the following ways.

- A) Rugged and torn overalls
- B) If high visibility vests are not worn in low light
- C) if they are designed with the employee's safety and comfort
- D) If they are not designed with the employee's safety and comfort

24)One of the following is not among the correct lifting techniques guidelines

- A) If you are pregnant or with a condition of health, do not lift
- B) Before you lift, ensure the floor is free of any rubbish
- C) Do not twist your back
- D) Due to time constraints lift any item quickly to save time

25)All but one of the following are among the requirements on what to do during Lightning:

- A) loading or offloading explosives
- B) Refrain from using your handset
- C) Avoid using mobile forms, radios
- D) Retreat from open areas or spaces under the aircraft

27)One of the following is not among the hidden costs to the airlines that are as a result of accidents and incidents on the ramp.

- A) Economic loss to the injured personnel
- B) damage to tools
- C) damage to passenger accommodation
- D) Cost of recruiting and training new personnel

26)The Aviation Industry, and in many cases, the _____ REGULATE safety and a fully functional SMS.

- A) ICAO
- B) State
- C) IATA
- D) Both A AND C

27) Accidents which occur on the ramp are grouped under ALL but one of the following.

- A) Accidents to passengers
- B) Accidents to personnel
- C) Damage to aircraft
- D) Damage to cabin crew

28) One of the following is among the causes of Ramp accidents.

- A) Character
- B) speed
- C) The other person
- D) Delight

29) _____ is an organized approach to managing safety

- A) SMS
- B) SeMS
- C) Aviation security
- D) BOTH a and B

30) A _____ refers to an object or situation that may cause harm or damage

- A) Risk
- B) Hazard
- C) Danger
- D) Both B and C

31) _____ applies to both the to both the harm or damage happening as well as what the eventual consequences

- A. Risk
- B. Hazard
- C. Danger
- D. Both B and C

32) One of the following is not true about the Manual Handling Techniques:

- A. Assess the weight to be lifted by gently pushing it
- B. If one is pregnant or sick, he/she should speak to the immediate supervisor
- C. Before you lift, ensure that you do full exercise
- D. Never twist your back

33) One of the following is not a procedure of lifting

- A) Plan every lift

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- B) Always work at your safe speed
- C) Four people must work together if one member is a female
- D) Bend and lift at the knee

34) One of the following is/are considered to be personal protective equipment:

- A) High visibility vest
- B) sturdy footwear
- C) Ear defenders
- D) All of the above

35) One of the following is not in the checklist for the staff working at the ramp.

- A. Check the vehicle starts and runs smoothly
- B. Remove FOD
- C. Check tire pressure and wear
- D. None of the above

36) This item is used at the airport to stop wheels of an aircraft from moving. What is it?

- A) GPU
- B) Conveyor belt
- C) Corns
- D) Chocks

37) Which one of the following is not among precautions to be taken when working near an aircraft?

- A. Never approach an aircraft till the engines have been shut
- B. Always have the cabin crew open the passenger doors
- C. Beware of the open aircraft doors. Ensure the safety strap is put across the door opening.
- D. Approach a helicopter with its rotors turning on foot and in an upright position

38) No GSE may not be moved towards the aircraft until:

- A) Aircraft has come to a complete stop
- B) Aircraft engines have been switched off and are not spooling
- C) Anti-collision lights are switched off
- D) The wheels are chocked

39) One of the following is not among the safety procedures to be followed when passengers are on board during the refueling process of an aircraft.

- A) Crew must be informed when refueling is to be done
- B) All passengers to exits to be kept clear
- C) the bottom area of passenger steps to be kept clear
- D) No steps/airbridge on both the forward and the rear passenger doors

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- 40)** 86% of all accidents are caused by human errors
- A) True
 - B) False
- 41)** Pilferage is theft of only some contents of a checked bag or baggage
- A) True
 - B) False
- 42)** What can be used during pre-operational checks to ensure that the operator assesses all areas of the GSE?
- A) Disciplinary action
 - B) A buddy system
 - C) A checklist
 - D) PPE
- 43)** In which of the following cases should ramp personnel ensure each dolly or baggage trail is disconnected and held by its own individual break?
- A) High winds
 - B) Low visibility
 - C) Ground Icing
 - D) Lightning
- 44)** During High winds:
- A) Secure aircraft with additional chokes
 - B) Secure any load inside the aircraft
 - C) Move aircraft nearer to building
 - D) Remove all empty and loose ULD from around the aircraft
- 45)** _____ is an organization of airline managers at the airport which meets at least once a month to identify, and solve local interline baggage handling problems
- A) Local Baggage committee
 - B) Baggage handling society
 - C) AOC
 - D) Airport operations Committee
- 46)** _____ are funds provided to the passenger to cover his out-of pocket expenses until his luggage arrives
- A) Pocket money
 - B) Interim fund
 - C) Interim expenses
 - D) Out-of-the-pocket money
- 47)** FOD stands for _____
- A) Foreign Object Damage

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- B) Front Office Debris
- C) Forbidden damaged debris
- D) Fallen Objects damage

48) One of the following is not among the pre-operational GSE Checklist.

- A) Check lights, Indicators and anticoalition beacon
- B) Check window wipers
- C) Check for any damage
- D) Check the boom goes sideways

49) Frontline operational personnel are often in the best position to _____ and _____ hazards and conditions that have the potential to lead to accidents

- A) Observe, identify
- B) Note, understand
- C) Notice, handle
- D) Understand and handle

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