



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

**Duration: 2 HRS**

DATE: \_\_\_\_\_

TIME: \_\_\_\_\_

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**INSTRUCTIONS TO ALL CANDIDATES**

- 1. Answer all questions*

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

- 1) 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
- 2) 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
- 3) One of the following is among the causes of Ramp accidents.
- A) Character
  - B) speed
  - C) The other person
  - D) Delight
- 4) \_\_\_\_\_ is an organized approach to managing safety
- A) SMS
  - B) SeMS
  - C) Aviation security
  - D) BOTH a and B
- 5) A \_\_\_\_\_ refers to an object or situation that may cause harm or damage
- A) Risk
  - B) Hazard
  - C) Danger
  - D) Both B and C
- 6) \_\_\_\_\_ applies to both the to both the harm or damage happening as well as what the eventual consequences

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

- 7)** 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
- 8)** One of the following is not a procedure of lifting
- A) Plan every lift
  - 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
- 9)** 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
- 10)** 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
- 11)** 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
- 12)** 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
- 13)** No GSE may not be moved towards the aircraft until:

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- 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
- 14)** 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
- 15)** 86% of all accidents are caused by human errors
- A) True
  - B) False
- 16)** Pilferage is theft of only some contents of a checked bag or baggage
- A) True
  - B) False
- 17)** 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
- 18)** 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
- 19)** 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**
- 20)** \_\_\_\_\_ 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

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- B) Baggage handling society
- C) AOC
- D) Airport operations Committee

**21)** \_\_\_\_\_ 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

**22)** FOD stands for \_\_\_\_\_

- A) Foreign Object Damage
- B) Front Office Debris
- C) Forbidden damaged debris
- D) Fallen Objects damage

**23)** 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

**24)** 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

**25)** 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

**26)** 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

**27)** An accident is \_\_\_\_\_

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- 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

**28)**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

**29)**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

**30)**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  
Incase brakes should fail

**31)**Incase 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

**32)**During safety reporting all stake holders' pledge\_\_\_\_\_ and \_\_\_\_\_ to foster commitment.

- A) Discipline, Confidentiality
- B) Confidentiality, No discipline
- C) Security, Safety
- D) All of the above

**33)**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

**34)** 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

**35)** IOSA Stands for \_\_\_\_\_:

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

**36)** 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

**37)** 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

**38)** 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

**39)** 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

- 40)** Individuals can make poor decisions in times of less stress
- A) True
  - B) False
- 41)** 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
- 42)** 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
- 43)** "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
- 44)** 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
- 45)** 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
- 46)** One of the following is not among the personal protective equipment.
- A) High visibility vest
  - B) Sturdy footwear
  - C) Ear protectors
  - D) Illuminated wands
- 47)** Working uniforms can cause accidents and incidents on the ramp in all but one of the following ways.
- A) Rugged and torn overalls



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- 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

**48)** 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

**49)** 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

End of paper,