



EAST AFRICAN SCHOOL OF AVIATION FINAL EXAMINATION

SUBJECT: CARGO AUTOMATION

Duration: 2 HRS

DATE: _____

TIME: _____

INSTRUCTIONS TO ALL CANDIDATES

- 1. Answer all questions*
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EXAMINATION SESSION RULES

GENERAL GUIDELINES

- You will work with the exam QUESTION BOOKLET and a separate ANSWER SHEET.
- Check that your QUESTION BOOKLET is complete. The number of questions is indicated on the front page.
- Complete the ANSWER SHEET with your personal information. Your Client ID can be found on your examination invitation letter.
- Once the exam is passed successfully, your name will appear on the course certificate as it is written on the Examination Attendance List. Notify the Supervisor if your name is spelled incorrectly on the Attendance List.
- Normal **examination conditions** apply:
 - No talking is permitted once the examination papers have been distributed.
 - No food and/or drink are allowed in the examination room.
 - Anyone suspected of cheating will have their examination papers canceled.
 - No examination paper may be taken out of the examination room.
 - No photocopy or scan of the examination may be made.
 - Once completed, the QUESTION BOOKLET and the ANSWER SHEET must be handed to the Supervisor.
- **The time allowed for completing this examination paper is indicated on the cover page.** You will be advised 30 minutes and again 15 minutes before the end of the examination. You may leave the room before, if you have returned your paper to the Supervisor.

MATERIALS ALLOWED

- Only your IATA OAG and TACT Training Edition materials are allowed in the examination room.
- A nonprogrammable pocket calculator and a language dictionary are permitted.
- **No other external or supplementary references are allowed.** Note books, loose paper notes, diaries and agendas are **not permitted**.

HOW TO WORK WITH THIS QUESTION BOOKLET

- **Read each question carefully.**
- All questions carry equal marks. **All answers must be marked on the ANSWER SHEET** and **not** in the QUESTION BOOKLET. Failure to mark answers on the answer sheet will result in a FAIL grade.

HOW TO WORK WITH THE ANSWER SHEET

- Find the ANSWER SHEET now.
- Mark only **one response per question**. No points will be given for a question with more than one marked response.
- Blacken the appropriate circle for each answer option you choose. You must use a lead pencil. If you must change a multiple choice answer, blacken the new circle with your pencil and completely erase the incorrect answer.
- When an exam question presents less than five answer options, ignore any extra blank choices on the ANSWER SHEET. For example, if the question offers only A and B as answer options, fill in A or B on the ANSWER SHEET and ignore C, D and E.

AT THE END OF YOUR EXAMINATION

You must return the ANSWER SHEET and QUESTION BOOKLET to your exam supervisor.

1. *Answer the following questions appropriately*
 - a) Which one of the following is not among the benefits of cargo-XML
 - A. Reduced cost of development
 - B. Facilitate the implementation of E-AWB
 - C. Facilitate direct exchange of data.
 - D. Enables no participation of SME in e-commerce.
 - b) Compared to sea shipment movement, air transport has one major advantage. That is
 - A. Safety of the aircraft
 - B. Ease of concerned parties
 - C. Just transport
 - D. Speed of transport
 - c) EDI Stands for?
 - A. Estimated departure identifier
 - B. Economic delivery institute
 - C. Early delivery form of information
 - D. Electronic data interchange
 - d) The necessity of speed in communication resulted in the development of _____
 - A. Standard procedures
 - B. Standard ways of acquisition
 - C. Non grata acceptance Standard codes
 - D. Standard codes and abbreviations for messages.
 - e) What does CCS mean?
 - A. Communication commerce system
 - B. Cargo community systems.
 - C. Cargo community services
 - D. Cargo communication settlement
 2. *Answer the following questions appropriately*
 - a) Cargo IMP codes can be used for all of the following except?
 - A. estimated arrival time
 - B. space allocation
 - C. customs information
 - D. Accounting.
 - b) SITA would be expensive to use without the use of _____ messages and _____.
 - A. Codes Abbreviations
 - B. Codes Units
 - C. Abbreviations and Letters
 - D. Documents, Abbreviations
 - c) Air cargo transportation includes issuance of a variety of documents. Which one of the following is not among them?
 - A. Commercial invoices
 - B. Packing slips
 - C. Transportation documents
 - D. Bill of Exchange
 - d) One of the following is not among the objectives of Cargo Automation:
 - A. Instant visibility of information
 - B. Faster shipment processing
 - C. Error reduction in the handling process
 - D. Technological advancements
 - e) Who among the following is not among the parties that handle shipments from origin to the destination?
 - A. Shippers
 - B. Trucking companies
 - C. Banks
 - D. Customs authorities
 - f) The transportation document issued for each shipment that is in a consolidation is known as house air waybill
 - A. True
 - B. False
 3. *Answer the following questions appropriately*
 - a) As can be seen, international freight growth experienced a decline as of April 2017. The FTK experienced a year on year increase of _____
 - A) 10%
 - B) 5%
 - C) 20%
 - D) 50%
 - b) Cargo IQ offers its members an industry recognized quality management system that gives its members the ability to
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- A. Obtain process control
- B. Change AWB entries
- C. Quality monitoring
- c) Identify dangerous goods shipments.
- d) Which among the following is not one of the documents involved in cargo transportation
 - A. Commercial invoices
 - B. manifests
 - C. insurance documents
 - D. Bank slips.
- d) A-to-A manages airport to airport movements
 - A. True
 - B. False
- e) Which of the following is an element of shipment data?
 - A. Shippers
 - B. Customs authorities
 - C. Country of manufacture
 - D. airline

4. Answer the following questions appropriately

- a) E-freight projects prioritizes the areas where electronic standards can be used based on all the following except which one?
 - A. Local regulations
 - B. Operator regulations
 - C. E-customs programs in place.
 - D. Support from relevant authorities.
- b) Cargo IMP codes are recognized as the industry standard for airline to
 - A. the cargo agent
 - B. Another airline
 - C. Consignee
 - D. Consolidator
- c) SITA worldwide telecommunication network serves over _____ members?
 - A. 13,500 member companies
 - B. 430 member companies
 - C. 50 member companies
 - D. 5 member companies
- d) Which one of the following is not among the advantages of CASS
 - A. Validate airline to airline data file submission
 - B. Reduced cost of data capturing
 - C. Elimination of expensive paper production
 - D. More accuracy in AWB data.

5. Answer the following questions appropriately

- a) Which of the following is not among the benefits of E-freight.
 - A. Operational efficiency
 - B. Data quality
 - C. Innovation.
 - D. Compatibility.
- b) Which among the following airlines did not take part in formation of SITA?
 - A. Air France
 - B. Royal Maroc Airline
 - C. Sabena
 - D. SAS airlines
- c) The above carriers pooled their private radio and _____ circuits for the benefit of all.
 - A. Telegraph
 - B. Morse code
 - C. Fax
 - D. Mobile
- d) SAS Stands for
 - A. Soviet airline system
 - B. Swiss international airline system
 - C. Scandinavian airline system
 - D. None of the above

6. Answer the following questions appropriately

- a) A2A manages airport to airport movements which is shipment planning and tracking at the master AWB level
 - A. True
 - B. False.
- b) SITA member membership base includes the following except?
 - A. Airlines
 - B. Airline ground handlers
 - C. Airports
 - D. Air traffic management
- c) SITA was founded in which year?
 - A. 2014
 - B. 2000

- C. 1949
- D. 1978
- d) The transportation document issued for each shipment that is in a consolidation is known as house air waybill
 - C. True
 - D. False
- e) Cargo IMP can be used in the following different ways except?
 - A. Space allocation
 - B. Airway bill allocation
 - C. Flight manifests
 - D. Information sharing
- f) Before any implementation of CASS, a feasibility study is conducted.
 - A. True
 - B. False

7. Answer the following questions appropriately

- a) The 34th edition (2014/2018) of the cargo-IMP standard is the final edition.
 - A. True
 - B. False
- b) The Montreal protocol 4 (MP4) signed in 1978 allows the use of an e-AWB in lieu to the paper AWB.
 - A. true
 - B. false
- c) It is required to identify e- AWB shipments with which special handling codes?
 - A. EAP & XML
 - B. IMP & cargo IQ
 - C. EAP & EAW
 - D. EAC & EDI
- d) When cargo agents linked their internal systems with airlines' systems, they adopted_____
 - A. Administrative automation
 - B. Physical handling automation
 - C. Future developments in cargo automation
 - D. Cargo IMP format
- e) The exchange of standard messages greatly improved the following, except_____
 - A. Speed
 - B. Contract agreements
 - C. Cost
 - D. Accuracy

8. Answer the following questions appropriately

- a) Air cargo movements involve the intervention of various parties, each of them using _____ and having different functions.
 - A. Same codes
 - B. Different systems
 - C. Same systems
 - D. Different codes
- b) What is WMS, in full?
 - A. Warehouse management system
 - B. Worlds men organization in safety
 - C. Women measure of safety
 - D. World health organization health management system
- c) CASS stands for?
 - A. Cargo association of standard systems
 - B. Cargo accounting social systems
 - C. Cargo affiliation system
 - D. Cargo accounts settlement systems
- d) Cargo IQ is an IATA interest group binging over 80 key players in the aviation industry.
 - A. True
 - B. False
- e) The logical progression was for the airlines to automate their main agents and this process was started in the
 - A. Israel
 - B. United emirates
 - C. United Kingdom
 - D. United States of America
- f) Before any implementation of CASS, a feasibility study is conducted.
 - C. True
 - D. False

9. Answer the following questions appropriately

- a) CCS will perform at least the following functions except?
 - A. Booking FFR messages
 - B. Consignment delivery to the door- door to door services
 - C. Give airway bill details
 - D. None of the above
- b) When an FFR message cannot be actioned automatically by the system, the message is_____
 - A. Canceled to a later date
 - B. Used later by interested party
 - C. The message may be stopped
 - D. There is message queueing and manual entry
- c) CASSEDI ensures
 - A. Ensures accuracy of pricing information on AWB, invoices
 - B. The cost of capturing data is drastically increased
 - C. Ensures accuracy of pricing information on commercial
 - D. Production and mailing can be improved
- d) Many freight forwarding firms have not been able to exchange cargo-IMP messages due to the cost factor
 - A. true
 - B. false
- e) What factors can be controlled through cargo automation?
 - A. Weight and temperature
 - B. Dimensions and processing time
 - C. Damage and delay
 - D. Loss of cargo.

10. Answer the following questions appropriately

- a) Automation is extensively used in various fields of IATA, such as tariff coordination, communication operations training and ticketing.
 - A. True
 - B. False
- b) A neutral AWB may be issued in full compliance with the concluded resolutions standards.
 - A. True
 - B. False
- c) The activities of SITA mainly fall into which two categories
 - A. Telecommunication and data processing
 - B. CRS and data processing
 - C. Telecommunication and EDI
 - D. CRS and EDI
- d) Dividing the warehouse premises into different location is a first step in finding a time saving methodology to locate cargo.
 - A. True
 - B. False

End of Examination