



EAST AFRICAN SCHOOL OF AVIATION
FINAL EXAMINATION
SUBJECT: BASIC CARGO RATING PRINCIPLES

Duration: 2 HRS

DATE: _____

TIME: _____

INSTRUCTIONS TO ALL CANDIDATES

- 1. Answer all questions*

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. CARICOM countries include:

A. Tobago	C. Latvia
B. Georgia	D. Tonga
2. To calculate the volume of a drum the diameter should be treated as:

A. Length	C. Height
B. Width	D. Both A and B
3. In which IATA area is Zimbabwe located?

A. 1	C. 2
B. 3	D. 1 and 2
4. An actual gross weight of 15.4 lb. is rounded off to:

A. 15.5 lb.	C. 16.0 lb.
B. 15.0 lb.	D. 10.0 lb.
5. For volume weight calculation, the dimensions of 38.9 x 50.1 x 46.4 cm are rounded off to:

A. 39 x 50 x 45 cm	C. 39 x 51 x 46 cm
B. 39 x 50 x 46 cm	D. 39.5 x 50.5 x 49.5 cm
6. A piece of general cargo weighing 67.7 kg with dimensions 79.6 x 55.4 x 61 cm. What is the chargeable weight?

A. 67.7 kg	C. 68 Kg
B. 45 kg	D. 67.5 kg
7. A shipment of 12 crates with dimensions of each crate - 40.2 x 49.5 x 45.4 cm and 6 drums with dimensions of each drum: diameter 70 cm and height 59.7 cm. The total gross weight of shipment is 308.0 kg. What is the chargeable weight?

A. 308.0 kg	C. 500.0 kg
B. 474.0 kg	D. 310.0 kg
8. The chargeable weight of a consignment containing fifteen pieces will be:
 - A. Volume weight
 - B. Gross or volume weight whichever is higher
 - C. Gross weight
 - D. None of the above
9. The charge for a 4.5 kg (20 x 25 x 40 cm) shipment of general cargo from Lahore, Pakistan (LHE) to Doha, Qatar (DOH) is:

A. PKR 981	C. PKR 1060
B. PKR 1000	D. PKR 985
10. A smaller fraction (0.1 to 0.4 cm) must be rounded:
 - A. Down to the next lower whole centimeter
 - B. Down to the next lower half centimeter
 - C. Up to the next higher whole centimeter
 - D. Rounding off not required
11. Assume the following:

Routing: Mexico City, Mexico (MEX) to Zurich, Switzerland (ZRH) on AM

Commodity 1: Cane Chair

Number of pieces: 4 cartons

Gross weight: 40.0 kg

Dimensions: 50 x 50 x 50 cm

Payment: All charges prepaid

Commodity 2: Electrical parts
Number of pieces: 10 cartons
Dimensions: 40.1 x 50 x 50.4 cm
Payment: All charges prepaid

What is the volume weight for this shipment?

- A. 40.0 kg
- B. 37.7 kg
- C. 37.5 kg
- D. 37.0kg

12. What is the weight charge for the above shipment?

- A. USD 477.20
- B. USD 449.76
- C. USD 441.41
- D. USD 447.38

13. Refer to question 11, what is the chargeable weight of the shipment?

- A. 40.0 kg
- B. 37.0 kg
- C. 37.5 kg
- D. 40.5 kg

14. Routing: Copenhagen (CPH) to Beirut (BEY)

Commodity: Crude oil
Number of pieces: 10 barrels
Total gross weight: 484 kg
Dimension: 25 x 25 x 30 inches @
Payment: All charges prepaid

What is the weight charge of the shipment?

- A. DKK 1261.75
- B. DKK 1255.50
- C. DKK 12,556.25
- D. DKK 11,858.00

15. What is the volume weight for the shipment?

- A. 51.5 kg
- B. 515.5 kg
- C. 512.5 kg
- D. 484.0 kg

16. Refer to TACT rating book. The charge for a 20 kg shipment of Calculators having dimensions 50 x 45 x 50 cm from Gdansk, Poland (GDN) to Verona, Italy (VRN) on LH is?

- A. PLN 260.00
- B. PLN 270.00
- C. PLN 256.60
- D. PLN 262.60

17. Considering routing described in question 16, when a general cargo shipment is 34.9 kg, which rates will become applicable?

- A. Minimum charge
- B. N-GCR
- C. Surcharged
- D. SCR

18. The charge for a shipment of sewing machines containing 3 cartons with total gross weight 11.8 kg and dimension of each carton 30 x 30 x 40 cm from Newport, USA (PHF) to R' Janeiro, Brazil (RIO) is?

- A. USD 206.00
- B. USD 397.80
- C. USD 204.66
- D. USD 205.00

19. Assume the following:

Routing: Singapore (SIN) to Auckland, New Zealand (AKL)
Commodity: candy pack
Number of pieces: 21 boxes
Total gross weight: 89 kg

Dimension per piece: 47 x 28.6 x 40cm

Payment: All charges prepaid

What is the minimum charge of the shipment?

A. SGD 105.00

B. SGD 75.00

C. SGD 77.25

D. SGD 105.50

20. The General Cargo Rate for more than 45 kg/100 lbs. is known as:

A. Class Rate

B. ULD Rate

C. N-GCR

D. Q-GCR

21. What is the weight charge to the shipment?

A. SGD 2843.99

B. SGD 1741.51

C. SGD 2821.66

D. SGD 1750.00

22. 6000-6999 refers to the specific commodities:

A. Textile; fibres and manufactures

B. Metallic mineral and manufactures

C. Chemicals and related products

D. Metals and manufactures, excluding machinery

23. One 66-kg shipment of cloth is to be sent from Surabaya, Indonesia (SUB) to Sydney, Australia (SYD) on CX. . The shipment comprises of two bales with a dimension of 60 x 60 x 60 cm each. What is the applicable rate per kg for this shipment?

A. USD 4.06 per kg

B. USD 3.45 per kg

C. USD 5.72 per kg

D. USD 3.50 per kg

24. Referring to question 23, what is the minimum charge for the shipment?

A. USD 136.14

B. USD 34.00

C. USD 68.07

D. USD 194.48

25. In the TACT Rules books the term Supplies mean:

A. Materials used up with the main article

B. Materials used up with the main article, but other than parts

C. Objects which are not essential for the main article

D. Objects which are essential for the main article

26. A shipment of live rabbits with weight of 180 kg is to be shipped from Auckland, New Zealand (AKL) to Kuwait (KWI). What surcharge is applicable?

A. 200% of applicable GCR

B. 150% of Normal GCR

C. 175% of Normal GCR

D. 175% of applicable GCR

27. What is the item number for Vaccines in the general list of descriptions?

A. 6502

B. 6501

C. 6099

D. 5400

28. I would like to ship 4 coops of Baby Poultry (less than 72 hours) from Milan, Italy (MIL) to Abadan, Iran (ABD). The gross weight of the shipment is 80,7 kg. The dimension of the poultry coops is 40 x 25 x 10 inch. What is the weight charge that I would have to pay?

A. EUR 416.10

B. EUR 256.23

C. EUR 597.00

D. Not applicable

29. What is the charge for a shipment of human remains in coffin from Geneva, Switzerland. (GVA) within Europe (excluding countries in the ECAA)?

A. 400% of the basic charge & rate per kilo

- B. 350% of the basic charge & rate per kilo
- C. 300% of the basic charge & rate per kilo
- D. 200% of the basic charge & rate per kilo

30. The air waybill serves the following purposes:

- A. Custom certificate
- B. Certificate of Insurance
- C. Proof of receipt of goods
- D. Both B and C

31. Assume the following :

Routing: Amsterdam, Netherlands (AMS) to Monrovia, Liberia (MEW)

Commodity: Gold bars

No of pieces: steel box

Gross weight: 2.5 kg

Dimension: 20 x 25 x 25 cm

Payment: All charges prepaid

Minimum Charge: EUR 68.07

What is the chargeable weight of the shipment?

- A. 3.5 kg
- B. 3.0 kg
- C. 2.6 kg
- D. 2.5 kg

32. The reduction in rate is not applicable to:

- A. Catalogues
- B. Newspapers
- C. Magazines
- D. Valuable cargo

33. A 425-kg shipment from Lubumbashi, Congo (EPS) to Guayaquil, Ecuador (GYE) contains 50 cartons of scanners with dimensions of each carton: 40 x 30 x 30 cm. What is the chargeable weight?

- A. 380.0 kg
- B. 500.0 kg
- C. 425.0 kg
- D. 300.0 kg

34. Refer to Question 33, what is the applicable rate per kg?

- A. USD 13.62
- B. USD 11.45
- C. USD 17.53
- D. USD 21.38

35. Refer to Question 33, what is the total weight charge for this shipment?

- A. USD 5800.00
- B. USD 5790.00
- C. USD 5788.50
- D. USD 5725.00

36. A shipment of 10 boxes of cutlery sets with a total weight of 250 kg is ready for shipping from Lahore, Pakistan (LHE) to Friedrichshaf, Germany (FDH). Dimensions of each box: 40 x 30 x 50 cm. All charges prepaid. What is the volume weight?

- A. 100.0 kg
- B. 300.0 kg
- C. 250.0 kg
- D. 500.0 kg

37. Refer to question 36, what is the applicable rate per kg?

- A. PKR 199
- B. PKR 203
- C. PKR 198
- D. PKR 296

- 38.** Refer to question 36, what is the total weight charge for this shipment?
 A. PKR 49800
 B. PKR 49745
 C. PKR 49500
 D. PKR 50000
- 39.** Refer to question 36, what is the break-even weight for this shipment?
 A. 243.5 kg
 B. 244.0 kg
 C. 245.0 kg
 D. 250.0 kg
- 40.** The declared value of the carriage applies for the:
 A. Chargeable weight
 B. Volume weight
 C. Volume or gross weight, whichever is higher
 D. Actual gross weight
- 41.** The carrier's liability of 10.1 kg shipment shall be based on:
 A. 11.0 kg
 B. 10.5 kg
 C. 10.1 kg
 D. 10.0 kg
- 42.** Assume:
 Declared value for carriage is INR 285, 000.00
 Actual gross weight of the shipment is 10.4 kg
 Carrier maximum liability per kg; equal to INR 1385
 What is the valuation charge?
 A. INR 2029. 47
 B. INR 1,440.40
 C. INR 2029.50
 D. INR 2,705.96
- 43.** What is the valuation charge for gold jewelry consignment weighing 9.7 kg to be shipped from Cairo, Egypt (CAI) to Montreal, Canada (YMQ)? The declared value is EGP 50,000.00 and the carrier's maximum liability per kg is EGP 159.76?
 A. EGP 364.00
 B. EGP 373.40
 C. EGP 375.00
 D. EGP 363.40
- 44.** Assume the following
 Routing: Lome, Togo (LFW) to Saarbrucken, Germany (SCN)
 Commodity: Fresh pineapples
 Gross weight: 900 kg

 What type of rate should be applied?
 A. Class Rate
 B. Minimum Charge
 C. Specific Commodity Rate
 D. ULD Rates
- 45.** The charges collect fee of a shipment must be calculated on the:
 A. Weight charges
 B. Minimum charge
 C. Valuation charges
 D. Both A and C
- 46.** What is the applicable charges collect fee in the currency of the country of destination for a garment shipment from London United Kingdom (LON) to Santiago, Chile (SCL)? The weight charge is GBP 1050.00 and the valuation charge is GBP 150.00. The banker's rate of exchange is: USD 1 - GBP 0.64210
 Charges 5% of weight and Collect valuation charges

Minimum: USD 100

What is the total charge?

A. GBP 1050.00

B. GBP 1264.21

C. GBP 1200.00

D. GBP 1260.00

47. Specific Commodity rates take precedence over:

A. Class rates

B. ULD rates

C. General cargo rates

D. Both A and C

48. Calculate the applicable Disbursement Fee in the currency of the country of origin of a shipment from Oslo, Norway (OSL) to Dubai, United Arab Emirates (DXB) on SK. The Disbursement amount is NOK 2100.00.

A. NOK 210.00

B. NOK 230.00

C. NOK 250.00

D. NOK 300.00

49. For traffic to Zambia the maximum amount of any disbursement may not be more than?

A. USD 200

B. USD 20

C. USD 100

D. USD 10

50. An air waybill must be signed by the?

A. Shipper only

B. Consolidator only

C. Carrier & shipper or agents on their behalf

D. Carrier only