



**EAST AFRICAN SCHOOL OF AVIATION EXAMINATION
END OF TERM EXAMINATION**

ACM 04

SUBJECT: DGR LIMITATIONS

Duration: Two Hrs.

DAY/DATE:

TIME: 1400-1600hrs

INSTRUCTION TO CANDIDATES

- Answer all questions:
 - Use the soft copy of the current edition of the IATA DGR
 - Examination booklet to be provided
 - A laptop computer is a requirement for this examination
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Answer the following questions and give DGR references. A mark will be awarded for the correct DGR reference:

1. In which section do you find examples of cargo declared under a general description that often contain hazardous articles that are not apparent?

2. For excepted packages of Class 7, the AWB's "Nature and quantity of goods box" must show the following wording: "Excepted radioactive materials – Not restricted!" (True/False)

Use the information below to answer questions 3 to 8 (7mks)

What hazard might be hidden in the following items?

3. Automobile parts

4. COMAT

5. Electrical equipment

6. Torches

7. Battery-powered devices/ equipment

8. Repair kits

9. Breathing apparatus

10. What are the characteristics of a substance, which is forbidden in aircraft under any circumstances?

11. Brine powered or liquid dyes are examples of goods that must be checked by the shipper to ensure the packaging is adequate to prevent leaking during transportation.

12. Personnel must be trained in the requirements commensurate with their responsibilities. **(True/False)**

Use the information below to answer questions 13 to 17

(10mks)

13. Using the dangerous goods regulations determine the excepted quantity code and maximum quantities (inner and outer packaging) permitted for the following items:

UN 1896

14. UN 2717

15. UN 1150

16. UN 2623

17. UN 1624

Use the information below to answer questions 18 to 22

(15mks)

18. The following items are to be transported in one outer packaging. Calculate their Q value.

UN 2713 2kg

UN 1312 3kg

UN 1156 1L

19. UN 3473 1.5kg

UN 2483 6kg

UN 2516 7kg

20. UN 2431 1.0L
UN 1312 9 kg
UN 1156 0.4L

21. UN 2457 0.1L
UN 1312 4 kg
UN 1156 0.2L

22. UN 3412 0.4L
UN 2724 5.0kg
UN 2261 0.8 kg

23. An AWB showing the words 'samples for testing could potentially contain dangerous goods eg. Infectious substances, flammables.....e.t.c. (true/false)

Use the information below to answer questions 24 to 29 (6mks)

24. Do the following states require a 24hour emergency telephone number to be entered on the shipper's declaration;
France

25. Aruba

26. Hong Kong

27. United states

28. Germany

29. Arab republic of Egypt

30. Single packaging of 1A1 containing liquids are not acceptable for carriage by japan airlines.
(True/False)

31. What are hidden dangerous goods?

32. What are the quantity limitations for cargo uplifted under limited quantities?

33. What packaging are not permitted for items under limited quantity?

34. The pilot in command must be advised of the location of a wheelchair with a spillable battery installed, when loaded on the aircraft. (true/false)

35. For excepted packages of class 7 the AWBs nature and quantity of goods box must show the following wording "excepted radioactive material-not restricted" (true/false)

36. Packages of UN3480 meeting the requirements of Section IB, must bear the Class 9 – Lithium battery lithium battery label (7.3.X), the CAO label (7.4.B) and the lithium battery mark (7.1.C).

(true/false)

37. "London Purple" is a Toxic substance (Div.6.1) and is assigned to PG II. (true/false)

38. Absorbent material is necessary for UN1218 when transported in combination packaging (true/false)

39. Division 1.4 are articles and substances presenting no significant hazard. (true/false)

40. the 'net Quantity' of dangerous goods for e.g Fire extinguisher is defined as: the weight of the gas within the fire extinguisher. (true/false)

41. UN3091 in Section II are to be marked with the lithium battery mark but not the CAO label.

(true/false)

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