

EAST AFRICAN SCHOOL OF AVIATION FINAL EXAMINATION ACM 04

SUBJECT: DGR PACKING

Duration: 2 HRS

DATE: TIME: 1100 – 1300hrs

INSTRUCTIONS TO ALL CANDIDATES

1. Answer all questions

1)	contained one outer		kagings consis (2)	iing or one	or more in	iei packagii	igs
				DGR			
2)	The Item is Net Quantity Outer Packaging	: : :	Aircraft Batt 60 kg UN Specific				
	The destination is only	y served by	a passenger o	ıircraft			
	a) What is the applicabl	e UN Numbe	er ? (1)	:			
	b) What is the applicabl	e class or div	vision? (1)		:		
	c) What PG performanc	e standard i	s required? (1) :			
	d) Is the battery accept	able? (2)			:		
	Explain						
3)	The following Package	es are overpo	acked in a stro	ong woode	n box.		
	Package A Package B Package C	: 4 L : 4 kg : 3 kg		ane ylene, disso I dioxide	olved	UN11 UN18	UN1001
	Note: The inside packe bears the labels and n	-					d the Overpack
a) Does the shipment meet all the requirements for Overpacks?							
	b) From Q7 above, ex	xplain your a	nswer:				
4)	Is the following Package giving references.	e acceptabl	le for transport	t on a passe	enger aircra	ift? Answer b	oy "Yes" or " No "
Outer Packaging: Limited Quantity packaging weighing 26.0 kg (5)							
	Item A: Acetone Item B: Acetyl brom Item C: Adhesives (F		UN 1090 UN 1716 UN 1133	one plast	ic bottle, 0. ic bottle, 0. ic bottle, 1.	.10 L	
	Calculation and ansv	ver:					

UN3155

5) The Item is

Net Quantity Inner packaging Outer Packaging		: : :	50 kg Plastic bottles UN Specificas		eel drun	n(s) (1A2)		
The des	stination is only serve	ed by a	passenger air	craft				
a) What is	the applicable UN Number (1)			:				
2.	Class or division (1)			:				
3.	Packing Group (1)			:				
4.	Packing instruction	(1)		:				
5.	Maximum net quar		package (1)	:				
b) How many outer packagings will be required? (1) :								
•	any inner Packaging	=	•	, (1)	•			
	gle packagings perm			(1)	•			
6) The Item			Benzenesulph		nvdrazio			
Net Que Inner po		: : :	20 kg Plastic bottles UN Specification	S				
The des	stination is only serve	ed by a	cargo aircraft	t				
a) What is	the applicable UN Number (1)			:				
2.	Class or division (1)			:				
3.	Packing Group (1)			:				
4.	What is the full prop	per ship		cl. tec	chnical r	name)? (1))	
5.	Packing instruction	(1)		:				
6.	Maximum net quar	ntity per	package (1)	:				
b) How mo	any outer packaging	ıs will be required?		(1)				
c) How many inner Packagings			•					
c) How many inner Packagings will be required? (1) d) What packing group performance standard is								
required	for the packaging?	(1)			:			
The inne The dar	owing package acc er and outer packag ngerous goods will no ling to DGR table 9.3	gings co ot react	mply with the	DGR			not requi	re segregation

OUTER PACKAGING

UN specification packaging

INNER PACKAGINGS

Item A

Proper Shipping name : Hafnium powder, wetted

UN Number : UN1326

Net Quantity : 30kg

Division : 4.1

Packing Group : II

Packing Instructions : 448

Item B

Proper Shipping name : Nitrostarch, wetted

UN Number : UN1337

Net Quantity : 11kg

Division : 4.1

Packing Group : I

Packing Instructions : 451

Item C

Proper Shipping name : Aluminum powder, coated

UN Number : UN1309

Net Quantity : 30kg

Division : 4.1

Packing Group : III

Packing Instructions : 448

Calculation and Answer:

8) The following items do not require segregation according to table 9.3.A and are all packed in one limited quantity outer packaging which has 20kg gross weight. The package is properly packed, marked and labels are properly affixed. Is this shipment acceptable for transport on a passenger aircraft? (5)

UN3077 Environmentally hazardous substance, solid, n.o.s 14kg

UN2653 Benzyl lodide 0.3 L UN2049 Diethylbenzene 5L

Calculation and answer

9)	The following items do not require segregation according to table 9.3. A and are all packed in one limited quantity outer packaging which has 10kg gross weight. The package is properly packed marked and labels are properly affixed. Is this shipment acceptable for transport on a passenge aircraft? (5)				
	UN1950 UN2653 UN2049	Aerosols, non-flammable 5kg Benzyl Iodide 0.3 L Diethylbenzene 0.5L			
Calculation and answer:					
10	limited q	ving items do not require segregation according to table 9.3.A and are all packed in one uantity outer packaging which has 50kg gross weight. The package is properly packed and labels are properly affixed. Is this shipment acceptable for transport on a passenge (5)			
	UN2814 UN1845	Infectious substances affecting humans (Dengue virus culture) 25kg Dry Ice 20kg			
	Answer:				
	Explanati	on:			

End