

ΚΕΣΕΝ ΜΑΚΕΔΟΝΙΑΣ ΜΗΧΑΝΙΚΩΝ ΑΚΑΔ.. ΕΤΟΣ 2023-24 ΕΞΕΤΑΣΤΙΚΗ ΠΕΡΙΟΔΟΣ A32	ΜΑΘΗΜΑ ΝΑΥΤΙΚΑ ΑΓΓΛΙΚΑ		ΗΜΕΡΑ 20	ΜΗΝΑΣ 06	ΕΤΟΣ 2024
			ΘΕΩΡΗΘΗΚΕ: Ο ΔΙΕΥΘΥΝΤΗΣ ΓΟΥΡΓΟΥΛΗΣ ΔΗΜ.		
ΚΥΚΛΟΣ	ΕΞΕΤΑΣΤΗΣ ΚΑΘΗΓΗΤΗΣ	ΣΓΟΥΡΟΥ ΜΑΡΙΝΑ			
Α' ΜΗΧΑΝΙΚΩΝ	ΔΙΑΡΚΕΙΑ ΕΞΕΤΑΣΕΩΝ	10:30- 12:45	ΜΕΓΙΣΤΗ ΒΑΘΜΟΛΟΓΙΑ	100	

ΘΕΜΑΤΑ ΕΞΕΤΑΣΕΩΝ

Ex.1 Put the words in the correct order to make full sentences and create a crew member appraisal.

Mark (____ / 5)

1. In complex situations/ to perform / He has/ well under pressure / the ability.
2. Weigh up / an operation / She can / when she identifies / as risky / the consequences.
3. Allocated duties / She is good / to the ratings / at explaining procedures / and
4. Won't tolerate / being returned to their exact place / she insists on / others failing / the workshop tools / after being used and / always / to do so.
5. A lot of cultural / and gender crews / He has / in coexisting harmonically / and gender prejudice / and has difficulty / with mixed nationality.

Ex.2 Put the words in the correct order so as to form the Best Management Practices for Protection Against Somalia based Piracy.

1. The national convoy / use / of your country / the Internationally Recommended / Transit Corridor and .
2. Speed and sea state / your risk assessment / Consider / freeboard / when doing.
3. For military help / board the vessel / go to the citadel / and wait / when the pirates/.
4. Razor wire / and physical barriers / to make / put / around the vessel / hooked ladders / against / pirate boarding difficult.
5. Are using / typical attack / and two skiffs / in a / the pirates / a mother boat.

Mark (____ / 5)

Ex. 3 Drills and Training. Read and mark the statements as TRUE or FALSE.

Mark (____ / 9)

1. For lifeboat drills, the davits, wires and the entire release mechanisms should be carefully examined to ascertain that they are in proper working conditions. _____
2. SOLAS regulations for the inspection and maintenance of “on load release” gear DO NOT require an annual inspection of hooks by a representative of the manufacturer. _____
3. The reasons for accidental releases of davit suspended lifeboats are human error, lack of training, lack of understanding of how the hook release mechanisms worked, incorrect resetting of hooks and lack of maintenance. _____
4. If the personal safety of a crew member is endangered during the training or drill, it MUSTN'T be abandoned. _____
5. It is imperative that annual inspections and maintenance of “on load release” gear and test of hooks are carried out by fully competent and authorized personnel. _____
6. Some important drills and training procedures crew members carry out include Engine Room Fire Drills, Engine Room Flooding Drill, Enclosed Space Drill, Scavenge Fire Drill and Crankcase Explosion Drill.
7. During an Engine Room Flooding Drill the flooding training must include response actions to different emergency situations such as grounding, collision etc. , which can lead to structural damage and flooding of water in Engine Room.
8. During Pollution Prevention Appliances Training, it is important for the ship's crew to know apart from all pollution preventive measures when at sea, but also of all the pollution prevention equipment present onboard.
9. During the Blackout Emergency Situation Training, all engine room crew members must become aware that in a blackout condition it is the responsibility of the engine crew to bring back the ship's power, so that it can sail again on its determined course.

Ex. 4 Match the terms in International Aeronautical and Marine Search and Rescue Manual (IAMSAR) to the appropriate definitions. There is an EXTRA word. **Marks (__ / 8)**

TERMS	DEFINITIONS
1.SRR (Search and Rescue Region	a. Alert initiated when no distress situation actually exists.
2. drift	b. Movement of a search object caused by environmental forces.
3. scene	c. Notification by any means that a distress situation exists and assistance is needed.
4. false alarm	d. The movement of a search object through water caused by winds against exposed surfaces.
5. Leeway	e. When an aircraft makes a forced landing on water.
6. AMVER	f. A world wide vessel reporting system for SAR.
7. ditching	g. The search area or the actual distress site.
8. NAV-AREA	h. an area of defined dimensions within which SAR services are provided.
9. Distress alert	

Ex.5 Pollution Prevention: The International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) includes six technical Annexes. Match the Regulations of each Annex to the type of pollution it deals with. **(Marks ____ / 6)**

1. Garbage	a. Annex I
2. Oil and oily water	b. Annex II
3. Exhaust gas (air pollution)	c. Annex III
4. Sewage	d. Annex IV
5. Noxious liquid substances in bulk	e. Annex V
6. Harmful substances in packaged form	f. Annex VI

Ex.6 This is part of a Safety Drill Record Book and the entries are not in the correct order. Put the entries in the correct Order. **Mark (____ 4)**

1. Certification / Signature	2. Date/ Time	3. Type of Drill Performed	4. Position of Ship

1.	2.	3.	4.

Ex. 7 On the telephone: clarifying misunderstandings, cargo care. Match the verbs to their definitions.**(Marks: ____ / 7)**

1. Get through	a. contact someone on the phone
2. Ring up	b. return a phone call
3. Call back	c. connect somebody by telephone
4. Put through	d. answer a call when the phone is ringing
5. Hold on	e. make a phone call
6. Pick up	f. Put down the phone, you have finished speaking
7. Hang up	g. wait

Ex. 8 Permit to work. Match the phrases to their definitions.**(Marks ____ / 17)**

1. All relevant personnel	a. Who has the responsibility
2. Location	b. Crewmembers related to this
3. Is in good order	c. Who is present (in order to help)
4. Equipment available at entrance	d. It works well.
5. Validity	e. Enough light
6. Take precautions	f. Put warning signs in a place where people can see them
7. Warning notices displayed	g. Carrying out, doing the task
8. Person in charge	h. Do things to prevent problems and to avoid danger.
9. Isolated from sources of power or heat	i. Being officially and legally acceptable
10. Person performing the work	j. Separated from, kept far away from
11. Adequate ventilation	k. Allowing fresh air to enter and move around the space
12. Familiarity of user with apparatus	l. Place where something happens
13. Adequate illumination	m. Good enough for a particular purpose
14. Communication arrangements	n. Preparation you make so that you can be in contact with
15. Apparatus found satisfactory	o. Knowing something well
16. Person in attendance at entrance	p. That you can get or find
17. Equipment of approved type	q. Officially found good enough to be used

Ex. 9 Safety on board communications: Emergency announcements / orders. Imagine you want to inform passengers in the event of an emergency. Circle the correct alternative of the phrases in *italics* to make a correct full announcement.**(Marks ____ / 8)**

Attention please. I *am / this is* your captain *speaking / talking*, with an important announcement. We have a minor fire in the accommodation. There is no *immediate / real* danger to crew, passengers or vessel, and there is no reason *to worry / be alarmed*.

For safety reasons I *request / would like* all crew members to go to their assembly stations. As soon as I have *further information / something else to tell you* I will make another announcement- there is no danger *at this time / right now*. Fire-fighting teams are fighting the fire. The fire *is taken care of / under control*. We also have radio contact with other vessels.

Ex. 10 Damage control communications: reporting flooding. Look at the announcement the captain makes to the crew and complete with the missing words. (Marks ____ / 8)

Imminent / muster / openings / quantity / flooded / blackout / capacity / diving

We have flooding in the engine room. Flooding not under control. _____ (1) danger of _____ (2). _____ (3) damage control team. Damage control team must have _____ (4) equipment. Close all _____ (5) and valves. Switch on power. Switch on bilge pumps. Engine room station _____ (6) stopping flooding from inside not possible. Flooding is above _____ (7) of bilge pumps. _____ (8) of water in engine room space is dangerous.

Ex. 11 Control and measures to avoid pollution. Match the phrases in column A to the ones in column B in order to make appropriate sentences. (Marks ____ /4)

COLUMN A	COLUMN B
1. Errors or false entries in the oil record book	a. Are advised to carefully comply with the special regulations in force such as the absolute prohibition of discharge of oil.
2. When entering Particular Sensitive Sea Areas (PSSA) the Master and his / her officers	b. When there are clear grounds for believing that the Master or crew are not familiar with their obligations under MARPOL.
3. Under MARPOL, port State control officers may at any time carry out an inspection	c. Has adequate training and understanding of how to correctly complete the book.
4. The Master must ensure that the crew member(s) responsible for completing the oil record book	d. Will result in problems or investigations when discovered by a port state control officer or the US Coast Guard.

Ex. 12 On Board Communications. Match the sentences in column A to their responses in column B in order to recreate the communication CORRECTLY. (Marks ____ / 8)

COLUMN A	COLUMN B
1. Openings in accommodation not accessible.	a. Check the fire area every 15 minutes for reignition and report.
2. Is the fire extinguished?	b. Engines stopped.
3. Have rescue team on stand by. Have lifelines with you.	c. Cargo transferred.
4. Stand by forward station and aft station and report damage.	d. Containers with dangerous goods on fire.
5. Transfer cargo from number 2 hold to number 3 hold.	e. Rescue team standing by.
6. Fire area roped off.	f. Switch off ventilators. Turn stern to windward. Stand by CO2 station.
7. What is on fire?	g. Fire extinguished. Smoke restricted to cargo area.
8. We are aground aft. Stop engines. Close watertight doors and report.	h. Cracks and fractures in double bottom plating.

Ex. 13 Person-overboard activities. Match the orders to make full sentences. (Marks ____ / 6)

1. Stand by	a. Flag signal "Oscar".
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2. Drop	b. The person in water.
3. Maintain	c. “man overboard” alarm.
4. Sound	d. Visual contact to person in water.
5. Hoist	e. For recovering the person from shipboard.
6. Locate	f. Lifebuoy.

Ex. 14 Documents / Certificates. Match the terms in column A to their definitions in column B.

(Marks _____ 5)

COLUMN A	COLUMN B
1. Minutes of Safety Meetings	a. A difference between two or more things that should be the same.
2. A (Pre-Charter) survey	b. An official examination of the quality or standard of something.
3. Crew agreement	c. Employment contract between a ship’s owner and its crew.
4. audit	a. is carried out by a private company to document the exact condition of a vessel, its machinery and equipment at the time it is taken on charter.
5. discrepancy	b. a summarized record of the proceedings of a meeting.

TOTAL SCORE: _____ / 100

FINAL MARK: _____ x 1 = _____ /100

GOOD LUCK!!!