

ΕΠΩΝΥΜΟ:.....ΟΝΟΜΑ:.....Α.Γ.Μ.....

ΗΜΕΡΟΜΗΝΙΑ:

ΒΑΘΜΟΛΟΓΙΑ ΓΡΑΠΤΟΥ	ΒΑΘΜΟΛΟΓΙΑ ΠΡΟΦΟΡΙΚΗΣ ΕΞΕΤΑΣΗΣ	ΤΕΛΙΚΗ ΒΑΘΜΟΛΟΓΙΑ ΕΞΕΤΑΣΗΣ (ΓΡΑΠΤΑ + ΠΡΟΦΟΡΙΚΑ)	ΥΠΟΓΡΑΦΗ ΚΑΘΗΓΗΤΗ

Exercise 1. READING COMPREHENSION. Are the statements True or False, according to the text? (1 p.)

An allision occurs when a moving vessel strikes a stationary object, such as a quay, buoy or berth structure. Although often caused by human error, poor maintenance of equipment can also play a significant role in such incidents. Regular inspection and proper functioning of critical systems are essential to ensure safe manoeuvring, especially in confined waters.

A recent case involved a tanker approaching a terminal for berthing operations. During the final manoeuvre, the vessel failed to reduce speed effectively and struck the quay, resulting in minor structural damage. No injuries were reported, but the incident caused delays and required inspection by port authorities.

An internal investigation revealed that the engine response was slower than expected due to inadequate maintenance of the fuel injection system. In addition, communication between the bridge and engine room was not clear, and the crew did not react quickly to the developing situation. It was also noted that routine maintenance checks had been postponed due to operational pressure.

Following the incident, corrective actions were implemented. Maintenance schedules were strictly enforced, and critical machinery was inspected more frequently. Crew members received additional training on emergency response and communication procedures during manoeuvring. The company also emphasised the importance of reporting technical issues without delay.

This case demonstrates that even minor maintenance failures can lead to operational incidents such as allisions, particularly when combined with human factors.

- Allisions are mainly caused by mechanical failures rather than human factors. ____
- The vessel's contact with the quay resulted in operational disruption despite no injuries. ____
- The ship's speed could not be reduced at all during the manoeuvre. ____
- The engine malfunction was entirely unexpected and unrelated to previous maintenance decisions. ____
- Communication issues alone would not have caused the incident without the technical problem. ____
- Routine maintenance had been delayed due to operational priorities. ____
- The crew followed correct emergency procedures but were unsuccessful in preventing the allision. ____
- The corrective actions focused only on technical improvements to machinery. ____
- The incident demonstrates that minor technical issues can contribute to larger operational risks. ____
- Reporting technical faults is presented as optional depending on the situation. ____

Exercise 2. Choose the correct option. Circle a, b or c. (1 p.)

1. For burns, you should _____ cold running water over the affected area.
a) pour b) rinse c) purge
2. When treating a casualty, you should _____ them and explain what you are doing.
a) assure b) restrain c) reassure
3. Do NOT _____ creams onto a burn.
a) position b) apply c) allocate
4. First aid was _____ to the injured seafarer.
a) carried out b) supplied c) administered

5. The space above the liquid in a tank is called:
a) ullage b) innage c) sounding
6. To arrange in a correct line or order means to:
a) gauge b) align c) abrade
7. To avoid obeying a rule means to:
a) circumvent b) reinforce c) calibrate
8. Related to breathing is:
a) circulatory b) respiratory c) regulatory
9. A protective floating object along a ship's side is a:
a) fender b) bollard c) fairlead
10. Skin damage caused by rubbing is:
a) laceration b) abrasion c) internal bleeding
11. Twisting a joint causes a:
a) sprain b) wound c) parting
12. An oil _____ was observed spreading across the sea surface.
a) slick b) residue c) discharge
13. The vessel ran aground and developed a list. We must _____ stability before proceeding.
a) maintain b) recover c) regain
14. Are ultraviolet _____ are used for ballast water treatment?
a) beams b) waves c) rays
15. Have you ever used sand _____ for rust removal?
a) welding b) blasting c) griding
16. A close-quarters _____ is evolving, call the Master immediately.
a) circumstance b) condition c) situation
17. Proceed _____ caution in restricted waters.
a) with b) by c) in
18. A wreck is marked _____ a yellow and black buoy.
a) from b) by c) with
19. Your navigation does not comply _____ COLREG Rule 10.
a) for b) to c) with
20. The ship is running _____ danger due to shallow water.
a) in b) to c) into

Exercise 3. Complete the sentences. (1,5 p.) There are extra words.

involved, drowning, bruise, congestion, scaffold, fracture, scald, ventilation, vaccinated, illumination, worn, contained, casualty, retain, conducted, occupational, deployed, active

- The AB suffered a _____ on the knee after falling from the vertical ladder.
- A _____ is suspected; the bone may be broken.
- The seafarer has a serious _____ caused by hot steam.
- Have you been _____ for yellow fever before joining the vessel?
- Monitor the hold _____ so that high humidity does not damage perishable cargo.
- How many ships were _____ in the accident?
- A _____ mooring rope may fail when under tension.
- The crew were working at height on a _____ when the incident took place.
- The collision is classified as a very serious _____, due the total loss of the ship.
- Oil pollution can be _____ with the use of booms.
- You must _____ a copy of the bunker receipt for documentation purposes.
- Have you received traffic information from the VTS? Is there s traffic _____ in the area?
- The majority of onboard accidents are _____ in nature, such as slips and falls.
- Salvage tugs were _____ immediately to assist the grounded vessel.
- Wearing a lifejacket significantly increases survival chances in case of _____.

Exercise 4. Match the first aid item to its function. (1 p.)

Saline solution, Splint, Gauze, Bandage, Ointment, Compress, Tweezers, Defibrillator, Resuscitator, Sling

Items	Functions
_____	Soothes skin and helps prevent infection when applied to minor wounds
_____	Delivers an electric shock to restore normal heart rhythm in cardiac arrest
_____	Cleans a wound by flushing out dirt and bacteria
_____	Covers a wound and absorbs blood or other fluids
_____	Immobilises an injured limb to prevent further damage
_____	Holds a dressing in place and supports an injury
_____	Applies cold or pressure treatment to reduce swelling and pain
_____	Supports and holds an injured arm or shoulder in a fixed position
_____	Used to remove small foreign objects such as splinters or debris from skin
_____	Assists or restores breathing in a person who is not breathing properly

Exercise 5. WRITING (120-150 words) Choose one of the following tasks: (1,5 p.)

1. What safety procedures must be followed before, during and after bunkering? (mention 5 actions for each stage)
2. Write an incident report about an **onboard fire**. State how the fire started, how the crew responded, what actions were taken, the likely cause and how similar incidents can be prevented. Include **three** of the following key expressions: fire party, breathing apparatus, CO₂ extinguisher, foam extinguisher, fire hose, boundary cooling, ventilation shutdown, smoke accumulation, port authorities notified

[illegible]

Good luck!