

Examination questions for the course in “Marine environment protection”

Operational level			
Marine environment protection			
Questions			Correct answer
O/T – specifies the nature of the question (obligatory, time demanding)			
No.	O/T	Module 1 – Definitions	
1.		<p>What can we categorize as noxious liquid substances within the meaning of the MARPOL Convention:</p> <ul style="list-style-type: none"> A. any type of liquids escaping outside tight pipelines and equipment, B. bilge waters, waste oils from fuel and lubricating oil centrifuges, oil and fuel leakage from the product piping and lubrication system, used and contaminated lubricating oils, C. water in plumbing and mechanical systems, D. none of the above. 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; text-align: center; line-height: 40px;">B</div>
2.		<p>According to the MARPOL Convention, bilge water is:</p> <ul style="list-style-type: none"> A. a mixture of sea water and fresh water only, B. a mixture of sea water, fresh water, water from cooling systems, fuel leakage, and lubricating oil, C. a mixture of sea water and bilge, D. a mixture of sewage from toilets and urinals. 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; text-align: center; line-height: 40px;">B</div>
3.		<p>According to Annex I of the MARPOL Convention, oil is understood as:</p> <ul style="list-style-type: none"> A. cooking oil, B. vegetable oil, C. animal oil, D. none of the above. 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; text-align: center; line-height: 40px;">D</div>
4.		<p>According to the MARPOL Convention, an oily mixture includes:</p> <ul style="list-style-type: none"> A. any amount of oil, B. at least 10% of oil, C. at least 12% of oil, D. at least 15% of oil. 	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; text-align: center; line-height: 40px;">A</div>

5.		<p>According to the MARPOL Convention, <i>clean ballast</i> refers to:</p> <ul style="list-style-type: none"> A. ballast water coming from a tank that is not designed to carry water, B. ballast water pumped into a segregated ballast tank, C. ballast water pumped overboard using an oily water separator, D. none of the above. 	<div></div> <div></div> <div></div> <div>D</div>
6.		<p>According to the MARPOL Convention, the notion of <i>holding tank</i> does not refer to:</p> <ul style="list-style-type: none"> A. a tank to collect and store oils, B. a tank to collect and store oily waters, C. a tank to collect and store leakage from the cooling system, D. a tank to collect and store sewage, 	<div></div> <div></div> <div>C</div> <div></div>
7.		<p>Faecal sewage is:</p> <ul style="list-style-type: none"> A. waste from toilets and urinals, B. waste containing iron (Fe) and potassium (K), C. waste from laundry and shower rooms, D. none of the above. 	<div>A</div> <div></div> <div></div> <div></div>
8.		<p>Garbage does not include:</p> <ul style="list-style-type: none"> A. incinerator ashes - if they are disposed in a port, B. food waste from kitchens and pantries - unless it is generated within a port, C. fresh fish and parts thereof generated during the normal operation of the ship and liable to be disposed of continuously or periodically, D. none of the above. 	<div></div> <div></div> <div>C</div> <div></div>
9.		<p>According to the MARPOL Convention, a <i>special area</i> refers to:</p> <ul style="list-style-type: none"> A. a zone of permitted garbage dumping, B. a special customs area, C. an area where marine traffic is prohibited, D. an area where special mandatory regulations of environmental protection have been adopted. 	<div></div> <div></div> <div></div> <div>D</div>
10.		<p>According to the MARPOL Convention, <i>oil fuel</i> refers to:</p> <ul style="list-style-type: none"> A. any oil used as fuel in connection with the propulsion and auxiliary machinery of the ship, B. any oil used as fuel in connection with the operation of mechanisms used to heat oils, C. any vegetable or animal oil, D. none of the above. 	<div>A</div> <div></div> <div></div> <div></div>

11.		<p>According to the MARPOL Convention, fuel tank capacity means the volume of a tank in cubic metres at a filling of:</p> <p>A. 50%, B. 75%, C. 95%, D. 98%.</p>	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
12.		<p>According to the Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter, the term of <i>dumping</i> refers to removing wastes or other matter:</p> <p>A. generated directly through exploitation of mineral resources of the sea bottom, B. from ships, platforms, etc. in a deliberate manner, C. generated or produced as a result of standard use and operation of ships or platforms - and of equipment thereof, D. by discharging substances into the sea for other purpose than a standard disposal thereof.</p>	<div> <div></div> <div>B</div> <div></div> <div></div> </div>
13.		<p>Which of the Annexes to the MARPOL Convention have to be obligatory approved by countries ratifying the Convention?</p> <p>A. Annex I and II, B. Annex IV, C. Annex I and II, D. Annex VI.</p>	<div> <div></div> <div></div> <div>C</div> <div></div> </div>
14.		<p>According to the MARPOL Convention, the Ship Oil Pollution Emergency Plan is required for:</p> <p>A. non-standard ships of the length of 24 m and more, B. every standard ship and tanker, C. is not required, D. warships and special units are exempt from the requirement on the basis of the Flag's approval.</p>	<div> <div></div> <div>B</div> <div></div> <div></div> </div>
15.		<p>Removing oily mixtures using an oily water separation device (oily water separator) from the machinery space of a ship of 400 GT and bigger in special areas (excluding Antarctica) is:</p> <p>A. prohibited - regardless of the level of oil concentration in the water, B. permitted - if certain conditions are fulfilled, including if the level of oil concentration in the water does not exceed 100 ppm, C. permitted - if certain conditions are fulfilled, including if the level of oil concentration in the water does not exceed 25 ppm, D. permitted - if certain conditions are fulfilled, including if the level of oil concentration in the water does not exceed 15 ppm.</p>	<div> <div></div> <div></div> <div></div> <div>D</div> </div>

16.		<p>Removing oily mixtures on oil tankers of 150 GT and more from the loading pump room outside special areas using an oily water separator located in the engine room is:</p> <p>A. prohibited - regardless of the level of oil concentration in the water, B. permitted - if the oil concentration in the water does not exceed 100 ppm, C. permitted - if the oil concentration in the water does not exceed 25 ppm, D. permitted - if the oil concentration in the water does not exceed 15 ppm.</p>	<div>A</div> <div></div> <div></div> <div></div>
17.		<p>Removing oily mixtures using an oily water separator from the machinery space of a ship of 400 GT and above in the area of Antarctica is:</p> <p>A. prohibited - regardless of the level of oil concentration in the water, B. permitted - if the oil concentration in the water does not exceed 100 ppm, C. permitted - if the oil concentration in the water does not exceed 25 ppm. D. permitted - if the oil concentration in the water does not exceed 15 ppm.</p>	<div>A</div> <div></div> <div></div> <div></div>
18.		<p>Such vessels as cruisers, floating storage units, etc., that remain immobilized:</p> <p>A. should feature an oily water separator, B. have to be necessarily equipped with an oily water separator and a holding tank, C. should feature a holding tank, D. don't have to feature any of the abovementioned elements.</p>	<div></div> <div></div> <div>C</div> <div></div>
19.		<p>In the case of oil tankers of 150 GT and above, mixing oily water produced in the engine room of the ship with the remains of cargo is:</p> <p>A. always prohibited, B. prohibited from dusk till dawn, C. prohibited from dawn till dusk, D. always permitted.</p>	<div>A</div> <div></div> <div></div> <div></div>
20.		<p>If a necessity to increase the amount of ballast water on a ship makes it necessary to carry ballast water that is not clean ballast in the oil fuel tank, then:</p> <p>A. we discharge such water only in port reception facilities, B. such water is to be cleaned in ship centrifuges, C. we discharge such water in port reception facilities or clean it using on-board oily water separators, D. given the one-off nature of the situation, it is permitted to connect such tank temporarily to the ballast system and discharge its contents overboard.</p>	<div></div> <div></div> <div>C</div> <div></div>

21.		Oil Record Book – Part I (Machinery space operations) is kept: A. only on oil tankers of 150 gross tonnage and above, B. only on ships - other than oil tankers - of 400 gross tonnage and above, C. both on oil tankers of 150 gross tonnage and above, and on ships - other than oil tankers - of 400 gross tonnage and above (standard ships), D. only on units of the Polish Navy.	<div> <div></div> <div></div> <div>C</div> <div></div> </div>
22.		In the Oil Record Book – Part I (Machinery space operations), we do not keep records concerning: A. ballasting or washing fuel tanks, B. collecting and removing oil residues, C. disposing of clean ballast overboard, D. none of the above.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
23.		Each page of records in the Oil Record Book – Part I (Machinery space operations) should be : A. initialled by the chief engineer, B. signed by the chief mate, C. signed by the officer or officers responsible for a given operation, D. signed by the ship's master.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
24.		Having a standard discharge connection is required to connect the pipeline to reception facilities: A. only to remove residues from machinery bilges, B. only to remove residues from sludge tanks, C. to remove both residues from machinery bilges and sludge tanks using a common connection, D. to remove residues from machinery bilges and sludge tanks separately.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
25.		Can the Administration abandon the requirement for ships of 400 GT and above to feature an oily water separator? A. No, having such a separator is always mandatory, B. Yes, the Administration may abandon the said requirement in any case, C. Yes, in the case of ships engaged exclusively on voyages within special areas, D. Yes, in the case of ships engaged exclusively on voyages outside special areas.	<div> <div></div> <div></div> <div>C</div> <div></div> </div>

26.		<p>In the case of a ship for which the Administration has agreed to waive the requirement of featuring an oily water separator on board, such ship needs to:</p> <ul style="list-style-type: none"> A. be able to hold all the oily water produced during the voyage between ports equipped with reception facilities, B. be able to hold all the oily water produced during the voyage between two ports coming one after another, C. be able to hold at least 50% of the oily water produced during the voyage between ports equipped with reception facilities, D. have an entry in the IOPP certificate confirm that the requirement to have an oily water separator on board has been waived. 	<div style="border: 1px solid black; padding: 5px; text-align: center;">A</div>
27.		<p>What amount of oil is sufficient to create a continuous layer on the water surface:</p> <ul style="list-style-type: none"> A. 30 litres per 1 nautical mile, B. 50 litres per 1 km², C. 15 ml per 1 tonne of water, D. 2 tonnes per 1 km². 	<div style="border: 1px solid black; padding: 5px; text-align: center;">B</div>
28.		<p>How many slop tanks should there be on an oil tanker of a gross tonnage between 150 tonnes and 70,000 tonnes?</p> <ul style="list-style-type: none"> A. Zero, B. One common tank for the machinery space and cargo area, C. One tank of a capacity of at least 3% of the ship's oil carrying capacity, D. Two tanks of a capacity of at least 3% of the ship's oil carrying capacity. 	<div style="border: 1px solid black; padding: 5px; text-align: center;">C</div>
29.		<p>Which of the following conditions does not suspend the removal of oily mixtures from an oil tanker's cargo area:</p> <ul style="list-style-type: none"> A. navigation in a special area, B. navigation at 40 nautical miles away from the nearest land, C. the oil content in the discharge exceeds 15 ppm at a permitted momentary and total amount of discharge below 1/30,000 of the total part of the amount of a given cargo, D. a temporary failure of the control-measurement system. 	<div style="border: 1px solid black; padding: 5px; text-align: center;">C</div>
30.		<p>A prohibited method of disposal of sewage from a ship other than a passenger ship found 5 nautical miles away from the nearest land is:</p> <ul style="list-style-type: none"> A. discharge of sewage directly overboard, B. comminution and disinfection of faecal sewage stored earlier on board, C. cleaning sewage stored earlier on board in an on-board sewage treatment facility, D. all of the abovementioned methods are prohibited. 	<div style="border: 1px solid black; padding: 5px; text-align: center;">A</div>

31.		<p>A permitted method of disposal of sewage from a ship other than a passenger ship found 2 nautical miles away from the nearest land is:</p> <ul style="list-style-type: none"> A. discharge of sewage directly overboard, B. comminution and disinfection of faecal sewage stored earlier on board, C. cleaning sewage stored earlier on board in an on-board sewage treatment facility, D. none of the abovementioned methods is permitted. 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">C</div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> </div>
32.		<p>A permitted method of disposal of sewage from a ship other than a passenger ship found 50 nautical miles away from the nearest land is:</p> <ul style="list-style-type: none"> A. discharge of sewage directly overboard, B. comminution and disinfection of faecal sewage stored earlier on board, C. cleaning sewage stored earlier on board in a sewage treatment facility, D. all of the abovementioned methods are permitted. 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">D</div> </div>
33.		<p>When port authorities suspect that a ship's captain or crew are not sufficiently familiarized with procedures concerning prevention of faecal sewage contamination, they are entitled to:</p> <ul style="list-style-type: none"> A. send authorized PSC inspectors to inspect the ship, B. carry out an inspection focusing on verifying the compliance with operational requirements set out in the relevant annex to the MARPOL Convention, C. detain the ship in the port, D. take all of the abovementioned measures. 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">D</div> </div>
34.		<p>Discharge of incinerator ashes generated as a result of incinerating plastic products into the sea - outside special areas - is permitted for a distance from shore of at least:</p> <ul style="list-style-type: none"> A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited. 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">D</div> </div>
35.		<p>Discharge of floating packaging not containing plastics into the sea - outside special areas - is permitted for a distance from shore of at least:</p> <ul style="list-style-type: none"> A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited. 	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%;"></div> <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">D</div> </div>

36.		Discharge of broken tableware into the sea - outside special areas - is permitted for a distance from shore of at least: A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
37.		Discharge of non-comminuted food wastes into the sea - outside special areas - is permitted for a distance from shore of at least: A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited.	<div> <div></div> <div>B</div> <div></div> <div></div> </div>
38.		Discharge of floating packaging not containing plastics into the sea - within special areas - is permitted for a distance from shore of at least: A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
39.		Discharge of non-comminuted food wastes into the sea - within special areas - is permitted for a distance from shore of at least: A. 3 nautical miles, B. 12 nautical miles, C. 25 nautical miles, D. removing such type of wastes is prohibited.	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
40.		A condition making it possible to discharge food wastes into the sea, outside special areas, within 4 nautical miles from shore is: A. reducing the wastes to ashes in an on-board incinerator, B. comminution of wastes to the consistency of a spread and removal thereof through the faecal sewage discharge system, C. comminution of wastes to particles able to pass through a screen with mesh size no larger than 25 mm, D. none of the above.	<div> <div></div> <div></div> <div>C</div> <div></div> </div>

41.		<p>The Garbage Record Book entries concerning disposal of garbage or completed incineration should be made by:</p> <p>A. the ship's master, as soon as wastes are incinerated or removed,</p> <p>B. the ship's master, once per week,</p> <p>C. the officer in charge of the operation, as soon as wastes are incinerated or removed,</p> <p>D. the officer in charge of the operation, once per week.</p>	<div></div> <div></div> <div>C</div> <div></div>
42.		<p>All deliberate acts of emission of substances causing ozone depletion into the atmosphere are prohibited. The requirement does not include:</p> <p>A. releases associated with recapturing substances,</p> <p>B. releases occurring during repair works,</p> <p>C. releases occurring during maintenance works,</p> <p>D. disposal of equipment.</p>	<div>A</div> <div></div> <div></div> <div></div>
43.		<p>Installation of new systems containing non-ozone-depleting hydrochlorofluorocarbons (HCFC) is:</p> <p>A. absolutely prohibited,</p> <p>B. permitted until 1 January 2015,</p> <p>C. permitted until 01 January 2020,</p> <p>D. permitted until 01 January 2025.</p>	<div></div> <div></div> <div>C</div> <div></div>
44.		<p>The maximum permitted level of NO_x emission for marine engines:</p> <p>A. has not been defined,</p> <p>B. will be indicated after 1 January 2016,</p> <p>C. depends on the cylinder nominal diameter,</p> <p>D. depends on the engine rotational speed.</p>	<div></div> <div></div> <div></div> <div>D</div>
45.		<p>The NO_x emission control requirements for marine engines apply to:</p> <p>A. diesel engines of over 130 kW output power,</p> <p>B. diesel engines used only as emergency power generators,</p> <p>C. engines installed in lifeboats used only in emergency situations,</p> <p>D. all of the above.</p>	<div>A</div> <div></div> <div></div> <div></div>
46.		<p>The maximum permitted content of sulphur in fuels used in ships at berth at a port belonging to an EU member state is:</p> <p>A. 0.0 %,</p> <p>B. 0.1 %,</p> <p>C. 1.0 %,</p> <p>D. 3.5 %.</p>	<div></div> <div>B</div> <div></div> <div></div>

47.		<p>The maximum permitted content of sulphur in fuels used in ships found in an Emission Control Area (ECA) is:</p> <p>A. 0.0 %, B. 0.1 %, C. 1.0 %, D. 3.5 %.</p>	<div> <div></div> <div></div> <div>C</div> <div></div> </div>
48.		<p>The maximum permitted content of sulphur in fuels used in ships found outside an Emission Control Area (ECA) is:</p> <p>A. 0.0 %, B. 0.1 %, C. 1.0 %, D. 3.5 %.</p>	<div> <div></div> <div></div> <div></div> <div>D</div> </div>
49.		<p>Changing the residual fuel type from standard fuel to low-sulphur fuel in the case of entering an Emission Control Area (ECA):</p> <p>A. occurs with the moment of crossing the border of the Emission Control Area (ECA), B. occurs in advance and takes into account a supply of fuel in the system of engine power supply and in tanks associated therewith, C. occurs 12 hours after crossing the border of the Emission Control Area (ECA), D. occurs after the ship enters a port found in an Emission Control Area (ECA).</p>	<div> <div></div> <div>B</div> <div></div> <div></div> </div>
50.		<p>Shipboard incineration is conditionally permitted in the case of:</p> <p>A. polyvinyl chlorides (PVC) - in shipboard incinerators with relevant type approval certificates, B. oil cargo residues, C. packaging contaminated with hazardous substances other than oils, D. oil refining products containing chlorine compounds.</p>	<div> <div>A</div> <div></div> <div></div> <div></div> </div>