

**Demo PDF file. This file includes questions: 10 from 230. Full version of file looks the same as demo, but full version includes all questions. You may download file with all questions by link on bottom of this page**

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## **Q180 - Deck General**

### **1. Which is usually the most gentle way of riding out a severe storm on a larger vessel?**

- Rig a sea anchor
- Hove to
- Head into the seas at slow speeds
- **Running before the seas**

Note:

*Running before the seas minimizes stress on a large vessel during a severe storm by reducing pitching, slamming, and maintaining steerage, making it the most gentle approach compared to other options like heaving to, heading into the seas, or using a sea anchor.*

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### **2. Open ullage holes in tanks which are not gas-free must be protected by \_\_\_\_\_.**

- warning signs
- **flame screens**
- PV valves
- stop-check valves

Note:

*Flame screens are required to protect open ullage holes in tanks not gas-free, preventing external flames from igniting vapors while allowing venting.*

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### **3. Which of the signals listed is required to be displayed during the day while bunkering?**

- **A red flag**
- A red and yellow flag
- A yellow flag
- A red light

Note:

*A red flag is the required signal displayed during the day while bunkering, indicating a hazardous fuel transfer operation is in progress. Regulations mandate a red flag by day and a red light by night to warn of these operations; the question specifically addresses the daytime requirement, eliminating options involving lights or mixed-color flags.*

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### **4. What information is NOT required to be included in the oil transfer procedures aboard a tanker transferring oil?**

- A line diagram of the vessel's oil transfer piping
- **The name of each person designated as the person in charge of transfer**
- Special procedures for topping off tanks
- A description of the deck discharge containment system

Note:

*Oil transfer procedures do not need to list individual names; they must describe positions and duties. Regulations require a line diagram, topping-off procedures, and a description of the deck discharge containment system.*

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**5. Which signal must you display at night on a docked tank barge to show that it is loading or discharging flammable liquid cargo?**

- ICC yellow light.
- **Red light.**
- Flashing amber light.
- Two orange lights.

Note:

*A red light is required at night on a docked tank barge to indicate loading or discharging flammable liquid cargo.*

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**6. Which of the following terms best defines the spontaneous mixing of a tank's liquid contents when a heavier layer forms above a less dense lower layer?**

- flash over
- boil off
- cascading
- **rollover**

Note:

*Rollover accurately describes the spontaneous mixing of liquid layers in a tank when a denser layer is positioned above a less dense one. This instability results in a sudden inversion and mixing, potentially increasing boil-off rate and tank pressure, unlike flash over, boil off, or cascading which refer to distinct processes.*

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**7. What must be present in order for combustion to occur inside a piping system such as a vapor collection header in a marine emission control system?**

- Ignition
- Fuel
- Oxygen
- **All of the above**

Note:

*Combustion requires fuel, oxygen, and an ignition source to occur. Vapor collection headers contain hydrocarbon vapors (fuel), often with air present (oxygen), and potential ignition sources like static electricity. Therefore, all three elements must be present for combustion.*

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**8. Asphyxia is generally limited to enclosed spaces, and the deficiency of breathable air in an enclosed space can occur with any of the following conditions. Indicate the condition that will NOT cause asphyxia.**

- Where rusting of internal tank surfaces has taken place.
- Where large quantities of inert gas is present.
- **When 21% of oxygen is present.**
- When large quantities of cargo vapor is present

Note:

*Normal atmospheric air contains 21% oxygen, which supports life and does not cause asphyxia; asphyxia results from oxygen depletion or displacement by other gases, such as those from rusting, inert gas, or cargo vapor.*

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**9. Which would be considered pollution under the U.S. water pollution laws?**

- Oil
- Hazardous substances
- Garbage
- **All of the above**

Note:

*U.S. water pollution laws classify oil, hazardous substances, and garbage as pollution. Therefore, 'All of the above' is the correct answer.*

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**10. After 1 September 1992, in the North Pacific area, a documented 75-foot fishing vessel operating in cold waters 25 miles off the coast must have which survival craft/apparatus on board?**

- An approved rescue boat
- **An inflatable liferaft with a SOLAS B pack**
- One buoyant cushion for each person on board
- An inflatable buoyant apparatus with EPIRB attached

Note:

*A 75-foot documented fishing vessel operating in cold North Pacific waters 25 miles offshore must carry an approved inflatable liferaft with a SOLAS B pack as required by 46 CFR Part 28.*

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