

Aff exit exam questions and answers pdf

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Question 1:

What is the primary purpose of boundary cooling during a fire on a ship?

- A) To minimize smoke production
- B) To prevent fire spread by cooling adjacent surfaces
- C) To increase the temperature inside the compartment
- D) To accelerate the combustion process

Answer:

- B) To prevent fire spread by cooling adjacent surfaces*

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Question 2:

In advanced firefighting, what is the purpose of using a Class A foam?

- A) To cool down hot surfaces
- B) To suppress flammable gas release
- C) To control oil and fuel fires
- D) To neutralize acidic fumes

Answer:

- C) To control oil and fuel fires*

Question 3:

During a firefighting operation, what does the term "smoke curtain" refer to?

- A) A physical barrier to prevent the entry of firefighters
- B) A cloud of water droplets to control temperature
- C) A curtain made of fire-resistant material to contain smoke
- D) A warning signal for evacuation

Answer:

- C) A curtain made of fire-resistant material to contain smoke*

Question 4:

Which firefighting equipment is specifically designed for use in confined spaces onboard a ship?

- A) Fire hoses
- B) Breathing apparatus
- C) Foam monitors
- D) Fire extinguishers

Answer:

- B) Breathing apparatus*

Question 5:

What is the primary purpose of the International Shore Connection (ISC) on a ship?

- A) To supply freshwater to the crew
- B) To connect with the shore power supply
- C) To facilitate shore-based firefighting assistance
- D) To enhance communication with nearby vessels

Answer:

C) To facilitate shore-based firefighting assistance*

Question 6:

In advanced firefighting, what is the purpose of using a water fog nozzle?

- A) To create a dense fog for cooling purposes
- B) To increase the range of water projection
- C) To generate a fine mist for fire suppression
- D) To create a visual signal for distress

Answer:

C) To generate a fine mist for fire suppression*

Question 7:

What is the role of a fire blanket in firefighting?

- A) To smother small fires by cutting off the oxygen supply
- B) To cool down hot surfaces in a fire-affected area
- C) To create a barrier against radiant heat
- D) To provide an escape route for trapped personnel

Answer:

A) To smother small fires by cutting off the oxygen supply*

Question 8:

In the context of firefighting, what does the acronym PASS stand for?

- A) Pressure Application Safety System
- B) Portable Aqueous Suppression System
- C) Pull, Aim, Squeeze, Sweep
- D) Primary Air Supply Source

Answer:

C) Pull, Aim, Squeeze, Sweep*

Question 9:

What is the purpose of a fire screen in advanced firefighting?

- A) To protect firefighters from radiant heat
- B) To separate different compartments for ventilation
- C) To extinguish fires through a fine mist
- D) To detect flammable gases

Answer:

A) To protect firefighters from radiant heat*

Question 10:

When using a fire hose, what is the recommended nozzle pattern for initial cooling of a fire in a confined space?

- A) Straight stream
- B) Fog pattern
- C) Solid stream
- D) Cone spray

Answer:

B) Fog pattern*

Question 11:

In advanced firefighting, what is the primary function of a fire axe?

- A) Ventilating smoke from the compartment

- B) Cutting through bulkheads and doors
- C) Spraying water in a concentrated stream
- D) Applying foam to the fire

Answer:

- B) Cutting through bulkheads and doors*

Question 12:

What does the term "fire tetrahedron" refer to in the context of firefighting?

- A) A four-sided firefighting tool
- B) The four elements required for combustion
- C) A specialized firefighting drill
- D) A geometric shape used in fire suppression

Answer:

- B) The four elements required for combustion*

Question 13:

In the event of an electrical fire onboard, which firefighting equipment is specifically designed for use?

- A) CO2 (Carbon Dioxide) extinguisher
- B) Foam extinguisher
- C) Dry powder extinguisher
- D) Water mist extinguisher

Answer:

- A) CO2 (Carbon Dioxide) extinguisher*

Question 14:

What is the purpose of a fireman's outfit (protective clothing) in advanced firefighting?

- A) To identify firefighting personnel
- B) To enhance physical agility
- C) To provide protection from heat and flame
- D) To store firefighting tools

Answer:

- C) To provide protection from heat and flame*

Question 15:

In the context of fire safety, what does the acronym "RECAAR" stand for?

- A) Rapid Escape and Control Against Radiant heat
- B) Rescue, Evacuation, and Containment of Aerial Risks
- C) Response, Escape, and Control Against Adverse Reactions
- D) Rescue, Evacuation, and Control Against Aerial Risks

Answer:

- D) Rescue, Evacuation, and Control Against Aerial Risks*

Question 16:

What is the purpose of a flame arrester in firefighting?

- A) To control the spread of flammable liquids
- B) To arrest the progression of flames in a compartment
- C) To provide visual cues during firefighting operations
- D) To enhance communication among firefighters

Answer:

- A) To control the spread of flammable liquids*

Question 17:

During a shipboard fire emergency, what is the primary purpose of the muster list?

- A) To account for all personnel and passengers
- B) To provide instructions for firefighting techniques
- C) To allocate firefighting responsibilities
- D) To identify the location of fire hydrants

Answer:

- A) To account for all personnel and passengers*

Question 18:

What is the recommended method for handling an injured person during a shipboard firefighting operation?

- A) Immediate evacuation to the shore
- B) Placing the person in a confined space
- C) Moving the person to a designated safe area
- D) Administering first aid at the fire location

Answer:

- C) Moving the person to a designated safe area*

Question 19:

Which firefighting agent is commonly used to suppress fires involving flammable metals?

- A) Water
- B) Foam
- C) Dry powder
- D) CO2 (Carbon Dioxide)

Answer:

C) Dry powder*

Question 20:

What is the purpose of a fire control plan on a ship?

- A) To outline emergency escape routes for passengers
- B) To specify the locations of fire alarm pull stations
- C) To provide guidance for controlling and suppressing fires
- D) To identify the ship's navigation routes

Answer:

C) To provide guidance for controlling and suppressing fires*

Question 21:

What is the purpose of a deluge system in shipboard firefighting?

- A) To deliver a high-pressure water mist
- B) To flood a compartment with water rapidly
- C) To control electrical fires with a dry powder
- D) To generate foam for flammable liquid fires

Answer:

B) To flood a compartment with water rapidly*

Question 22:

During a shipboard firefighting operation, what is the primary function of a portable gas detector?

- A) To locate fire hydrants
- B) To identify flammable gases

- C) To measure ambient temperature
- D) To monitor radio communication

Answer:

- B) To identify flammable gases*

Question 23:

In the context of advanced firefighting, what is the purpose of a water curtain?

- A) To create a barrier against radiant heat
- B) To supply water to firefighting hoses
- C) To generate foam for liquid fires
- D) To create a visual signal for distress

Answer:

- A) To create a barrier against radiant heat*

Question 24:

Which firefighting equipment is commonly used to cut ventilation openings in ship compartments?

- A) Fire axe
- B) Water fog nozzle
- C) Thermal imaging camera
- D) Hydraulic rescue tool

Answer:

- D) Hydraulic rescue tool*

Question 25:

During a shipboard firefighting operation, what is the primary purpose of a positive pressure breathing apparatus (PPBA)?

- A) To supply fresh air to the compartment
- B) To prevent smoke from entering the mask
- C) To maintain positive pressure inside the mask
- D) To enhance communication among firefighters

Answer:

- C) To maintain positive pressure inside the mask*

Question 26:

What is the primary function of a fire pump onboard a ship?

- A) To supply water for general use
- B) To pressurize the fire hydrant system
- C) To generate foam for liquid fires
- D) To flood compartments during an emergency

Answer:

- B) To pressurize the fire hydrant system*

Question 27:

In the context of shipboard firefighting, what does the term "smoke buoyancy" refer to?

- A) The ability of smoke to rise in a vertical column
- B) The horizontal spread of smoke in a compartment
- C) The color of smoke produced during combustion
- D) The weight of smoke particles in the air

Answer:

- A) The ability of smoke to rise in a vertical column*

Question 28:

What is the purpose of a fire detection system on a ship?

- A) To suppress fires automatically
- B) To identify potential fire hazards
- C) To alert personnel and activate alarms
- D) To monitor ambient temperature

Answer:

- C) To alert personnel and activate alarms*

Question 29:

During a shipboard firefighting operation, what is the role of a salvage team?

- A) To rescue injured personnel
- B) To recover valuable cargo
- C) To prevent water damage to the ship
- D) To control the spread of fire

Answer:

- C) To prevent water damage to the ship*

Question 30:

In advanced firefighting, what is the primary purpose of a fire-resistant bulkhead?

- A) To provide a visual barrier against smoke
- B) To contain the spread of fire within compartments
- C) To enhance communication among firefighting teams
- D) To store firefighting equipment safely

Answer:

B) To contain the spread of fire within compartments*

These questions cover additional aspects of advanced firefighting relevant to the DG Shipping exit exam. If you have any specific preferences or topics you'd like more questions on, feel free to let me know!

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