

## FINAL EXAM

### Directions

1. Read the following scenario.
2. Answer the questions following the scenario.
3. Select the best answer. **You may use the ICS 420-1 as a reference tool.**

### Scenario: Central City

It is Monday, January 7, in Central City, Columbia. At approximately 1530 hours, at the SR5 (5th Street) and I-107 (H Street) off ramp, a multiple-vehicle accident has occurred. The accident involved a fully loaded 8,000-gallon gasoline tanker and three automobiles. The tanker overturned at the base of the southeast exit ramp and is now lying on its side in the intersection of 6th and I Streets. The tanker sidewall was breached during the collision causing the tanker to spill much of its contents. A fast-moving fire also has erupted.



The tanker driver is trapped in the cab. Three automobiles involved in the accident are located further up on the exit ramp and five occupants are trapped in these vehicles.

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A large amount of unburned gasoline spilled into the sewer system and nearby Swatera creek. The Swatera creek runs along the north side of 6th Street, and is partially frozen.

The rapid-moving fire involving the spilled gasoline generated tremendous radiant heat that spread fire east on 6th Street. Approximately six to eight, two- and three-story occupied homes are involved in fire along the south side of 6th Street.



Embers from the house fires also have ignited the roof of a paper warehouse located at the SWC of 6th and J Streets. It is reported that the roof fire has now dropped down into the warehouse and ignited the heavy rolled paper products in the warehouse. Heavy smoke conditions are present in the warehouse. The warehouse sprinkler system is frozen and reported temporarily out of service. The warehouse is 75' x 300.' The first arriving Central City fire company requested a 2nd Alarm.



Occupied homes along the east side of I Street, between 6th and 7th Streets are a serious exposure problem.

In addition, the Columbia Veterans Hospital (CVH) located at the NWC of J and 7th Streets is also a serious exposure problem. A distance of 20 feet separates the warehouse from the hospital. Heavy smoke is now surrounding the hospital buildings and there is a strong odor of gasoline throughout the entire area.

The CVH administrator is seriously considering evacuating the hospital. The hospital does not have sprinkler protection. Occupancy is 190 patients, of which 110 are non-ambulatory.

The wind is from the N/NW at 10 to 15 mph. It is presently 22°F. Six to eight inches accumulation of snow is forecast for the evening hours. Snow is expected to begin between 1700 and 1800 hours. A low of 10°F is forecast.



1. With regard to the Incident Objectives and Strategy, which of the following is correct?
  - a. The Incident Commander determines the Incident Objectives and Strategy.
  - b. The Incident Commander determines the Incident Objectives and the Operations Section Chief determines Strategy.
  - c. The Incident Commander determines the Incident Objectives and the Planning/Intelligence Section Chief determines Strategy.
  - d. The Operations Section Chief determines the Incident Objectives and Strategy and they are approved by the Incident Commander.
  
2. Which of the following is true regarding the Incident Command System (ICS) organization?
  - a. The Incident Commander will approve the recommendation of the Operations Section Chief.
  - b. The Incident Commander will approve the recommendation of the Planning/Intelligence Section Chief.
  - c. The Incident Commander will establish an appropriate organization.
  - d. The Incident Command System organization will be determined by the Section Chiefs assigned by the Incident Commander.
  
3. What is the correct order for the "actions" in the command sequence?
  - a. Establish objectives, strategies, and tactics; Sizeup; Implement the Action Plan.
  - b. Sizeup; Implement the Action Plan; Establish objectives, strategies, and tactics.
  - c. Sizeup; Establish objectives, strategies, and tactics; Implement the Action Plan.
  - d. Establish objectives, strategies and tactics; Implement the Action Plan; Sizeup.
  
4. Which of the following is **not** a responsibility of the Incident Commander?
  - a. Determine incident objectives and strategy.
  - b. Establish immediate priorities.
  - c. Establish an appropriate organization.
  - d. Resolve logistics problems reported by subordinates.
  
5. What is the proper order for the following terms? (1) Tactics, (2) Tasks, (3) Incident Objectives, and (4) Strategies.
  - a. 1, 2, 3, 4.
  - b. 3, 4, 1, 2.
  - c. 4, 3, 1, 2.
  - d. 2, 3, 4, 1.

6. What "Result" does the "Action" Sizeup produce?
  - a. Tasks.
  - b. Implementation.
  - c. Problem Identification.
  - d. Action Plan.
  
7. Which of the following is a responsibility of the Operations Section Chief?
  - a. Determine the Incident Objectives and Strategy.
  - b. Prepare alternative strategies and control operations for the incident.
  - c. Manage all operations directly applicable to the primary mission.
  - d. All of the above.
  
8. Which of the following is responsible for assembling the Strike Teams?
  - a. The Operations Section Chief.
  - b. The Strike Team Leaders.
  - c. The Staging Area Manager.
  - d. None of the above.
  
9. It is the Operations Section Chief's responsibility to brief and assign Operations Section personnel in accordance with \_\_\_\_\_.
  - a. their arrival at the incident scene
  - b. a reasonable assumption of where they are most needed
  - c. their rank and experience
  - d. the Incident Action Plan
  
10. A Staging Area has been established for an incident. Who is responsible for determining any support needs for equipment, feeding, sanitation, and security?
  - a. The Operations Section Chief.
  - b. The Logistics Section Chief.
  - c. The Planning/Intelligence Section Chief.
  - d. The Staging Area Manager.
  
11. As the incident increases in size and complexity, the Operations Section Chief is responsible for reporting information about special activities, events, and occurrences to \_\_\_\_\_.
  - a. The Incident Commander
  - b. The Planning/Intelligence Section Chief
  - c. The Information Officer
  - d. The Safety Officer

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12. Based on the scenario, what is the most ideal location to establish a work location for the Information Officer?
- a. Near the overturned tanker.
  - b. Columbia Veterans Hospital.
  - c. Near the Incident Command Post.
  - d. On State Road 5.
13. Given the magnitude of the incident described, which of the below agencies would be considered a cooperating agency representative?
- a. Public Works.
  - b. Salvation Army.
  - c. State Police.
  - d. Public Health.
14. Given that the Columbia Veterans Hospital would need to be evacuated during the incident, which of the cooperating agencies below would be the most capable of providing support?
- a. Public Works.
  - b. Utility Company.
  - c. Gas Company.
  - d. American Red Cross.
15. Given the described scenario, which resulted in a Unified Command Structure, how many Information Officer positions would be established?
- a. One.
  - b. Two.
  - c. Three.
  - d. As many as necessary.
16. Which of the following actions should be taken by the Planning/Intelligence Section?
- a. Reassign Out-of-Service personnel already onsite to ICS organizational positions.
  - b. Coordinate and process requests for additional resources.
  - c. Identify hazardous situations associated with the incident.
  - d. All of the above.

17. The initial plan, Plan "A," is to extricate and care for the injured victims and contain the gasoline fire. However, the fire is spreading to exposed dwellings and may involve other properties before it can be controlled. Who is responsible to develop Plan "B" and submit it to the Incident Commander?
  - a. The Resources Unit Leader.
  - b. The Field Observer.
  - c. The Planning/Intelligence Section Chief.
  - d. The Situation Unit Leader.
  
18. Which Planning/Intelligence Section Unit will be responsible to prepare the Organization Assignment List (ICS Form 203) and Organization Chart (ICS Form 207) at this incident?
  - a. The Documentation Unit.
  - b. The Technical Specialists.
  - c. The Situation Unit.
  - d. The Resources Unit.
  
19. For this incident, who notifies the Resources Unit Leader which Logistics Section units have been activated, including names and locations of assigned personnel?
  - a. The Logistics Section Chief.
  - b. The Planning/Intelligence Section Chief.
  - c. The Situation Unit Leader.
  - d. The Facilities Unit Leader.
  
20. Who directly supervises the Communications Unit, Food Unit, and Medical Unit?
  - a. The Support Branch Director.
  - b. The Service Branch Director.
  - c. The Planning/Intelligence Section Chief.
  - d. The Operations Section Chief.
  
21. Who directs the Supply Unit Leader, Facilities Unit Leader, and Ground Support Unit Leader?
  - a. The Support Branch Director.
  - b. The Logistics Section Chief.
  - c. The Planning/Intelligence Section Chief.
  - d. The Service Branch Director.



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22. On this incident, Base and the Incident Command Posts must be laid out and furnished. Who is responsible for this?
- a. The Supply Unit Leader.
  - b. The Logistics Section Chief.
  - c. The Facilities Unit Leader.
  - d. The Ground Support Unit Leader.
23. For this incident a nearby high school might make a good place to establish a \_\_\_\_\_.
- a. parking facility
  - b. camp where tents could be pitched
  - c. nerve center
  - d. base
24. This incident will require a number of additional fire, outside agency, and, possibly, private contractor resources. These are cues for the establishment of the \_\_\_\_\_.
- a. Operations Section Chief
  - b. Logistics Section Chief
  - c. Planning/Intelligence Section Chief
  - d. Resources Section Chief
25. Based on the above scenario, what initial action should be taken by the Finance/ Administration Section Chief?
- a. Develop an operating plan for the Finance/Administration Section.
  - b. Establish a Claims Unit Specialist.
  - c. Establish an Injury for Compensation Specialist.
  - d. Set up a Staging Area.
26. Given the magnitude of the incident described and the need for special outside resources to assist in controlling the incident, what Finance/Administrative Unit should be activated as soon as possible?
- a. Time Unit.
  - b. Procurement Unit.
  - c. Cost Unit.
  - d. Compensation/Claims Unit.

27. Given the potential for this incident to expand beyond the initial operational period and continue for multiple operational periods, which Finance/Administration function would be responsible for maintaining accurate data on personnel working on the incident?
- a. The Commissary Manager.
  - b. The Technical Specialist.
  - c. The Claims Specialist.
  - d. The Personnel Time Recorder.
28. Given that the Columbia Veterans Hospital requires evacuation during this incident, which Finance/Administration function would be required to acquire equipment rental of private ambulances to assist in the evacuation?
- a. The Time Unit.
  - b. The Personnel Time Recorder.
  - c. The Cost Unit.
  - d. The Procurement Unit.
29. Given the above scenario in which three firefighters were injured evacuating residents from their homes, the Compensation for Injury Specialist would obtain witness statements. Which of the below functions would supply this information to the Compensation for Injury Specialist?
- a. The Safety Officer.
  - b. The Personnel Time Recorder.
  - c. The Communications Unit.
  - d. The Resources Unit.
30. Given the scope of interagency response to the scenario presented, a large interagency response can be expected. What Finance/Administration function would meet with coordinating and assisting agencies?
- a. The Time Unit Leader.
  - b. The Compensation for Injury Leader.
  - c. The Commissary Manager.
  - d. The Finance/Administration Section Chief.
31. Finance/Administration Units would require activation during an overturned gasoline tanker incident because
- a. the Planning/Intelligence Section will require cost estimates related to strategies for achieving incident objectives.
  - b. hazardous material incidents increase the potential for responder injury.
  - c. activating vendor contracts for hazardous material incidents is necessary to assist in mitigating and controlling the incident.
  - d. all of the above.

32. Who is responsible for completing the ICS Form 201--Incident Briefing Form, the ICS Form 202--Incident Objectives, and the ICS Form 209--Incident Status Summary?
- a. The Incident Commander.
  - b. The Planning/Intelligence Section.
  - c. The Logistics Section.
  - d. The Finance/Administration Section.
33. Who is responsible for completing the ICS Form 203--Organization Assignment List, ICS Form 204--Division Assignment List, and ICS 207--Organization Chart?
- a. The Incident Commander.
  - b. The Planning/Intelligence Section.
  - c. The Logistics Section.
  - d. The Finance/Administration Section.
34. Who is responsible for completing ICS Form 205--Radio Communications Plan, ICS Form 206--Medical Plan, ICS Form 218--Support Vehicle Inventory, and NWCG 259-3--Resource Order?
- a. The Incident Commander.
  - b. The Planning/Intelligence Section.
  - c. The Logistics Section.
  - d. The Finance/Administration Section.
35. Who is responsible for completing ICS Form 226--Compensation for Injury Log, ICS Form 227--Claims Log, and ICS Form 228--Incident Cost Worksheet?
- a. The Incident Commander.
  - b. The Planning/Intelligence Section.
  - c. The Logistics Section.
  - d. The Finance/Administration Section.
36. Simple incidents are quite different from complex emergency incidents. Which of the following statements does not describe a simple incident?
- a. Hazardous materials incidents.
  - b. An incident requiring a minimum amount of resources.
  - c. An incident managed with a limited command structure.
  - d. An incident brought under control in a relatively short time.

37. A Multi-Agency Coordination System (MACS) is a combination of facilities, equipment, personnel, procedures, and communications integrated into a common system. Which of the following is a MACS function?
- a. Ensure agency resource situation status is current.
  - b. Determine specific agency resource requirements.
  - c. Allocate resources to incidents based on priorities.
  - d. All of the above.
38. Which of the following best describes an Area Command?
- a. Area Command is an expansion of the Incident Command function primarily designed to manage a very large incident that has multiple incident management teams assigned.
  - b. The functions of Area Command are to coordinate the determination of the incident objectives, strategies, and priorities.
  - c. An Area Command can be established at any time that incidents are close enough that oversight direction is required among incident management teams.
  - d. All of the above.
39. Which of the following statements is true concerning a single command incident?
- a. More than one jurisdiction is involved.
  - b. More than one agency is responsible for decisionmaking with a single jurisdiction.
  - c. Only one agency has legal responsibility.
  - d. All of the above.
40. During the described incident, the Emergency Operations Center (EOC) has requested information regarding the evacuation of the Columbia Veterans Hospital. What Command Staff function would best answer those questions?
- a. The Safety Officer.
  - b. The Liaison Officer.
  - c. The Public Information Officer.
  - d. The Agency Representative.

