

Exam

Name _____

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

- 1) After providing medical assistance for the injured and arresting any suspects on the scene, the first officer should immediately: 1) _____
A) search the scene. B) make a rough sketch of the scene.
C) photograph the scene. D) secure the scene.
- 2) The center of the crime scene, which is always included within the crime scene's boundary, is the area where: 2) _____
A) the crime occurred. B) the first responder entered the scene.
C) the witnesses were located. D) the command center will be located.
- 3) The conditions at a crime scene can be compromised by all of the following actions EXCEPT: 3) _____
A) taking photographs at the crime scene. B) smoking at the crime scene.
C) eating food at the crime scene. D) turning on a faucet on the crime scene.
- 4) What is the initial survey of the crime scene that is carried out by the lead investigator called? 4) _____
A) Walk-through B) Crime-scene search
C) Initial survey D) Spiral search
- 5) Which of the following may give clues about the timing of an incident? 5) _____
A) Whether a door is locked or unlocked
B) Presence or absence of a television
C) Position of the victim's vehicle
D) Position of the day's newspaper inside or outside the house
- 6) The size and location of the crime scene as well as the events that occurred there will determine: 6) _____
A) the kind of evidence that will be missing.
B) the kind of search pattern that will be used to located evidence.
C) the time at which the crime scene is searched.
D) the number of personnel who will process the evidence at the crime laboratory.
- 7) Which crime-scene search pattern does NOT require more than one investigator? 7) _____
A) Line B) Zone C) Grid D) Wheel
- 8) Which search pattern would be best for a crime scene where many investigators are available to search a large area? 8) _____
A) Line B) Zone C) Spiral D) Grid
- 9) The types of evidence commonly found during a vehicle search include all of the following EXCEPT which? 9) _____
A) Fibers B) Questioned documents
C) Broken glass D) Paint evidence
- 10) The purpose of the crime-scene search is to locate what? 10) _____
A) Physical evidence B) DNA evidence
C) Fingerprint evidence D) Bloodstain evidence
- 11) Once the lead investigator determines that all pertinent evidence at the crime scene has been located, the investigators must perform what? 11) _____

- A) The crime-scene search
- B) The walk-through
- C) The final survey
- D) The initial survey

- 12) To formulate a successful strategy for recovering relevant physical evidence at crime scenes, on what must the investigator ultimately rely? 12) _____
- A) Training
 - B) Experience
 - C) The lead investigator
 - D) Reference material
- 13) What is the name of the search pattern in which one or two investigators start at the boundary at one end of the scene and walk straight across to the other side? 13) _____
- A) Quadrant
 - B) Wheel
 - C) Grid
 - D) Line
- 14) What search pattern employs two people performing line searches that originate from adjacent corners? 14) _____
- A) Spiral
 - B) Wheel
 - C) Line
 - D) Grid
- 15) Which of the following is a disadvantage of the spiral search pattern? 15) _____
- A) It is dependent on the boundaries of the scene.
 - B) It does not work for outdoor scenes.
 - C) Evidence could be missed.
 - D) It requires several investigators.
- 16) Which search pattern employs several people moving from the boundary straight toward the center of the scene (inward) or from the center straight to the boundary (outward)? 16) _____
- A) Quadrant
 - B) Spiral
 - C) Grid
 - D) Wheel
- 17) Which of the following acts is permissible for officers at the scene? 17) _____
- A) Eat
 - B) Smoke
 - C) Drink
 - D) None of the above
- 18) Which search pattern is most reliant on the boundaries established? 18) _____
- A) Wheel
 - B) Line
 - C) Quadrant
 - D) Spiral
- 19) Officers should attempt to locate tool marks at the point of entry during the investigation of what type of crime? 19) _____
- A) Burglary
 - B) Assault
 - C) Hit and run
 - D) Homicide
- 20) The first responding officer at the crime scene must make attempts to detain and question whom? 20) _____
- A) Witnesses
 - B) Unauthorized personnel
 - C) Suspects
 - D) Both A and C
- 21) Police barricades and the strategic positioning of guards are used to prohibit access to the crime scene by whom? 21) _____
- A) Civilians only
 - B) Civilians and media personnel
 - C) All unauthorized personnel
 - D) All law enforcement personnel

TRUE/FALSE. Write 'T' if the statement is true and 'F' if the statement is false.

- 22) Evidence can be found on the walls and ceiling as well as on the floor at a crime scene. 22) _____
- 23) The first responding officer at the crime scene should not make attempts to detain and question unauthorized personnel. 23) _____

- 24) Failure to protect a crime scene properly may result in the destruction or altering of evidence. 24) _____
- 25) The first priority of the first officer responding to a crime scene is securing the crime scene. 25) _____
- 26) The boundaries of an indoor crime scene are usually more difficult to determine than an outdoor crime scene. 26) _____
- 27) When possible, an outdoor scene that occurs at night should be taped off and left undisturbed and guarded until daylight. 27) _____
- 28) Unauthorized personnel include friends and family of the victim. 28) _____
- 29) Tool marks are not usually significant when found in vehicle searches. 29) _____
- 30) Investigators should take an inventory of all evidence collected so nothing is lost or left behind. 30) _____
- 31) Statements made by the victim on the way to hospital cannot be recorded and included in notes. 31) _____
- 32) The officer charged with protecting the scene has the authority to exclude fellow officers. 32) _____
- 33) It is permitted for officers at the scene to alter temperature conditions by changing the position of windows or doors or adjusting the heat or air-conditioning. 33) _____
- 34) The investigators should follow a direct path to the center of the scene. 34) _____
- 35) The command center must be located outside the taped-off boundary of the scene. 35) _____
- 36) When possible, it is advisable to have two people supervising and coordinating the collection of evidence. 36) _____
- 37) The obligation to maintain the integrity of evidence belongs to the first police officer at the scene only. 37) _____
- 38) The line and spiral search patterns can be performed effectively by one person. 38) _____
- 39) The first critical step in crime-scene investigation is securing and isolating the crime scene. 39) _____
- 40) The areas searched by crime-scene investigators must include all probable points of entry and exit used by the criminal. 40) _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

- 41) _____ and the strategic positioning of guards will prohibit unauthorized access to the crime scene. 41) _____
- 42) The _____ scene is the one at which the original incident occurred. 42) _____
- 43) Members of the investigative team will receive their assignments, store their equipment, and meet to discuss aspects of the case at the _____. 43) _____
- 44) Medical workers should approach the body by a(n) _____ route to minimize the possibility of disturbing evidence. 44) _____

- 45) An accurate _____ of everyone who enters or leaves the scene should be kept. 45) _____
- 46) The first step in a _____ is to establish the perpetrator's path of entry and exit. 46) _____
- 47) The _____ scene is a location that became part of the crime by activities after the initial incident. 47) _____
- 48) When searching a vehicle, an investigator must avoid touching surfaces that may contain _____. 48) _____
- 49) In the case of homicide, the investigator's search will be centered on the _____ as well as any type of evidence left as a result of contact between the victim and the assailant. 49) _____
- 50) The officer should initially denote the _____ of the scene using crime-scene tape, ropes, or traffic cones. 50) _____

MATCHING. Choose the item in column 2 that best matches each item in column 1.

Match the word in the first column to its definition in the second column. Each answer can be used only once.

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|--------------------------|--|-----------|
| 51) Command center | A) A search method employed by two or more people overlapping separate line searches to form a grid | 51) _____ |
| 52) Grid search | | 52) _____ |
| 53) Line/strip search | B) A crime scene separate from the primary scene that became part of the crime by its involvement in activities after the initial criminal act was perpetrated | 53) _____ |
| 54) Primary scene | | 54) _____ |
| 55) Quadrant/zone search | C) A secure site outside the boundaries of a crime scene where equipment is stored, tasks are assigned, and communications are made | 55) _____ |
| 56) Secondary scene | | 56) _____ |
| 57) Spiral search | | 57) _____ |
| 58) Walk-through | D) A search method employed by several people moving from around the boundary straight toward the center of the scene (inward) or from the center straight to the boundary (outward) | 58) _____ |
| 59) Wheel/ray search | | 59) _____ |
| | E) The crime scene at which the original criminal act was perpetrated | |

- F) A search method in which one or two investigators walk in straight lines across the crime scene
- G) A search method in which the investigator(s) move in an inward spiral from the boundary to the center of the scene or in an outward spiral from the center to the boundary of a scene
- H) The initial survey of the crime scene carried out by the lead investigator during which he or she gains an overview of the scene in order to formulate a plan for processing the scene
- I) A search method in which the crime scene is divided into smaller sections and team members are assigned to search each section. Each of these sections can be subdivided into smaller sections for smaller teams to search thoroughly

ESSAY. Write your answer in the space provided or on a separate sheet of paper.

- 60) Describe the basic functions of a command center. What kind of equipment must a command center contain?
- 61) Describe the steps the crime-scene investigation team takes during its final survey of a crime scene.
- 62) List two possible consequences of failure to protect a crime scene properly.
- 63) State which crime-scene search pattern(s) would be best utilized in each of the following situations.
 - a. One investigator must search a small classroom at a community college.
 - b. Five investigators must search a large cornfield.
 - c. Two investigators must search a walled-in Little League baseball field.
 - d. One investigator must search a small muddy backyard, looking specifically for footprint evidence.
- 64) Discuss what information, specifically about timing, can be gleaned from the state of the following searched crime scenes.
 - a. A young woman is found dead near the front door of her home. She had not reported to work at 8 a.m. The morning newspaper is on the kitchen table next to a clean, empty plate. The decedent is found wearing pajamas and messy hair. Burned toast is found in the toaster.
 - b. A backpack and empty lunchbox belonging to a missing child is found on a couch in a mobile home owned by a 47-year-old single man with no family in the area. The backpack contains blank homework assigned to the child that day in school. The search reveals action movie posters, three video-game systems, twenty-five video games, and drawers filled with candy bars.

- 1) D
- 2) A
- 3) A
- 4) A
- 5) D
- 6) B
- 7) A
- 8) B
- 9) B
- 10) A
- 11) C
- 12) B
- 13) D
- 14) D
- 15) C
- 16) D
- 17) D
- 18) B
- 19) A
- 20) D
- 21) C
- 22) TRUE
- 23) FALSE
- 24) TRUE
- 25) FALSE
- 26) FALSE
- 27) TRUE
- 28) TRUE
- 29) FALSE
- 30) TRUE
- 31) FALSE
- 32) TRUE
- 33) FALSE
- 34) FALSE
- 35) TRUE
- 36) FALSE
- 37) FALSE
- 38) TRUE
- 39) TRUE
- 40) TRUE
- 41) Police barricades
- 42) primary
- 43) command center
- 44) indirect
- 45) log
- 46) walk-through
- 47) secondary
- 48) fingerprints
- 49) weapon
- 50) boundaries
- 51) C

52) A

53) F

54) E

55) I

56) B

57) G

58) H

59) D

- 60) • A command center is the place where members of the investigative team receive their assignments, store their equipment, and meet to discuss aspects of the case.
- The command center can be a center for communication between investigators at multiple crime scenes.
 - The command center must contain the basic equipment needed to photograph, sketch, process, and collect evidence.
- 61) The team makes a visual overview of all parts of the scene, takes an inventory of all evidence collected so nothing is lost or left behind, retrieves all equipment, and verifies that any threats to health or safety at the scene have been or will be dealt with properly.
- 62) • Evidence may be destroyed or altered.
- The search for the perpetrator may be hindered because investigators are misled about the true facts of the incident.
- 63) a. Line
b. Quadrant/zone
c. Grid
d. Spiral
- 64) a. The state of the scene suggests the young woman was killed in the morning hours before 8 a.m. while she was preparing for work. This is suggested by the pajamas, the day's paper having been brought in, and breakfast (or a portion of it) having been prepared.
- b. The contents of the backpack and the *empty* lunchbox suggest the objects were placed there after the child left school, because the lunch within the lunchbox had been eaten and homework was present but not yet worked on. The presence of objects which would appeal to children are out of place in the man's mobile home and should lead to further investigation.