



SAR Exam 2

1. Which of the following description is true about The Helicopter Search and Rescue (SAR) Technician description?
 - a) Conducts air SAR, recovery, and evacuation operations from inside and outside the aircraft
 - b) Performs air SAR and medical assistance that may include technical rescues using hoist or short-haul techniques
 - c) Performs specialized helicopter operations in all water environments, including Swiftwater
 - d) All the above
2. Which of the following is not true about helicopter uses?
 - a) The search for a lost or injured person or persons
 - b) The insertion or extrication of rescuers
 - c) Storage area of extra equipment and fuel.
 - d) An aerial survey of topography by search and rescue leadership
3. Which of the following is false about limitation of a helicopter?
 - a) Visibility Minimums are not a limitation
 - b) Weather Conditions
 - c) Fuel
 - d) Mechanical
4. _____ is an aviation flight category in which visual flight rules (VFR) flight is permitted—that is, conditions in which pilots have sufficient visibility to fly the aircraft maintaining visual separation from terrain and other aircraft.
 - a) Instrument Meteorological Conditions
 - b) VMC
 - c) Visual Meteorological Conditions
 - d) B and C
5. IMC is an aviation flight category that describes weather conditions that require pilots to fly primarily by reference to instruments, and therefore under which flight rule?
 - a) VFR
 - b) IFR
 - c) VMC
 - d) FAR-91

6. _____ can make helicopter flight difficult or even unsafe and can render the careful control required for many rescue operations challenging or impossible.
 - a) Heavy Turbulence
 - b) Heavy Wind
 - c) Clouds at 3,000 feet
 - d) None of the Above
7. _____ Failure can be unpredictable and catastrophic.
 - a) Oxygen
 - b) Air Conditioning
 - c) Mechanical
 - d) Light
8. _____ effect is a condition of improved performance that a helicopter experiences when operating near the _____.
 - a) Air
 - b) Water
 - c) Ground
 - d) Wind
9. What is the condition called when usually occurs when the helicopter is more than one-half of the rotor diameter above the ground?
 - a) Ground Effect
 - b) OGE
 - c) VMC
 - d) IIMC
10. takeoff procedure used when departing a confined area, that is, where flight of the helicopter is limited by terrain or other obstructions?
 - a) Maximum Lift
 - b) Transitional Lift
 - c) Normal Lift
 - d) Horizontal Lift
11. Name of single agency responsible for coordinating on-land federal SAR activities in the 48 contiguous United States while also providing SAR assistance to Mexico and Canada?
 - a) FAA
 - b) FEMA
 - c) AFRCC
 - d) NASAR
12. Which of the following is not a part of briefing prior to the flight?
 - a) Location of emergency exits
 - b) Fire extinguishers
 - c) First aid kits and survival gear
 - d) All the above are part of the briefing

13. Dog handlers need to remember that the larger the helicopter, the ____ the frequency of vibrations.
- a) higher.
 - b) lower.
 - c) stronger.
 - d) All the above
14. Autorotation decent rate is about how many feet per minute?
- a) 1400
 - b) 1600
 - c) 1800
 - d) 2000
15. Causes us to fail to notice an unexpected stimulus in our field of vision when other attention demanding tasks are being performed.
- a) Intentional blindness
 - b) Justification of Deviance
 - c) Breaking Sterile cockpit
 - d) Chain of Survival
16. What is false about TRI-SAR Helicopter Rescue Harness?
- a) Must have professional grade helicopter hoist capable rescue harness with integrated flotation and dual recovery capability.
 - b) Integrated flotation vest (inflated manually with CO2 or orally with air) features a low profile, easy to swim in.
 - c) variable buoyancy up to 25 lbs.
 - d) None of the above
17. The _____ is designed to enhance the survivability of crewmembers in the event of a water landing.
- a) On board portable oxygen.
 - b) Helicopter Emergency Egress Device (HEED).
 - c) Mask and Snorkel
 - d) Helicopter Seatbelt
18. (aka "horse-collar") is designed as a retrieval device for uninjured personnel is also called?
- a) Screamer Suit
 - b) Rescue Evacuation Triangle
 - c) Human Extraction and Lifting Device (HELD)
 - d) Rescue Strop

19. Name of vest-style rescue device which permits rapid extrication of a subject by means of short-haul or hoisting?
- a) Screamer Suit
 - b) Rescue Evacuation Triangle
 - c) Human Extraction and Lifting Device (HELD)
 - d) Rescue Strop
20. _____ have proven themselves to be more aerodynamic than a rigid basket stretcher alone.
- a) Human Extrication Lifting Device
 - b) Helicopter Rescue Bags
 - c) Rescue Strop
 - d) Rescue Triangle