

ACCESS THROUGH INNOVATION

- 1. What does IRATA stand for?
 - A. International Rope Access Trade Association
 - B. Industrial Rope Access Trade Association
 - C. International Rope Access Training Association
 - D. Industrial Rope Access Training Association
- 2. *After qualifying as an IRATA level 1, if a technician does not carry out any industrial rope access work for six months they must:*
 - A. Undertake re-fresher training
 - B. Be re-assessed by an IRATA Assessor
 - C. Return all their details to IRATA
 - D. All of the above
- 3. In order for an IRATA level 1 to progress an IRATA level 2 they must have a minimum of:
 - A A minimum of 12 months rope access experience as a level 1 with 1000 logged working hours.
 B. A minimum of 6 months rope access experience as a level 1 with 500 logged working hours.
 C. A maximum of 6 months rope access experience as a level 1 with 500 logged working hours.
 D. A minimum of 12 months rope access experience as a level 1 with 500 logged working hours.
- 4. Which of these statements is INCORRECT:
 - A. When working in suspension you must always have two independent points of attachment
 - B. When working in suspension you may have only one point of attachment
 - C. In Fall Arrest you may have only one point of attachment
 - D. In Work Restraint you may have only one point of attachment



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IRATA THEORY QUESTIONS-L1

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5.

Carabiners are usually marked with?	
A. SWL (Safe Working Load)	B. WLL (Working Load Limit)
C. MBS (Minimum Breaking Strength)	D. None of the above

6. Ascending devices can be used in the following situations:

A. Proof loading	B. Shock loading
C. Static loading	D. Static and shock loading

7. If a technician were to fall 2m onto a 1m lanyard this would be a:

A. Fall factor 2	B. Fall factor 0.5
C. Fall factor 1	D. Fall factor 0

8. A rope with an abrasion resistant sheath and a load bearing core is called:

A. Low stretch	B. Kernmantle	
C. Braided	D. Poly-steel	

9. What is the material usually used to make harnesses and ropes for rope access?

A. Kevlar	B. Polyester/Nylon
C. Wire	D. Polypropylene

10. Which of the following methods would you use to inspect your personal rope access equipment?

A. Visual inspection	
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C. Tactile inspection

B. Function check D. All of the above



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11. Cows tails are made from which type of rope:

A. Dynamic

B. Low stretch

- 12. A carabiner is most dangerous when:
 - A. Loaded along the major axis
 - B. Used to connect the rope to a bolt anchor
 - C. Loaded across the gate
 - D. Used to connect the descender directly to the harness attachment
- 13. Which of these knots can be loaded in three directions:
 - A. Figure-of-eight on a bight
 - B. Barrel or scaffold knot
 - C. Alpine butterfly
 - D. Double figure-of-eight on a bight
- 14. According to IRATA, what is the min. requirement of a rope access anchor?

A. 5kN	B. 10kN
C. 15kN	D. 22Kn

15. A rig for rescue system may involve hauling as well as lowering.

A. True	B. False
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16. To prevent an out of control swing during a rope-to-rope transfer how many points of attachment are required?

A.2	B. 3
C. 4	D. 5





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17. What is the most likely outcome of a dynamic fall onto your ascending device?

- A. The ascending device will hold the fall
- B. The ascending device will break
- C. The ascending device will damage the working line
- D. The ascending device will invert

18. How can you increase friction to slow down your descent?

- A. Wrap the working line around your leg
- B. Grip one of the ropes with your hand
- C. Put the working line through a carabiner below the descending device
- D. Grip both ropes with your hand

19. When would you use a double anchor deviation?

- A To protect the ropes against sources of abrasion
- B. To protect the ropes against other potential causes of damage
- C. To protect the ropes against hot surfaces
- D. All of the above

20. What does a fall factor measure?

- A. Speed at which you fall in Miles per hour
- B. Distance at which you fall in feet per second
- C. The relative severity of the fall
- D. All of the above



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