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38	A	B	C	D	E
39	A	B	C	D	E

PRACTICE QUESTIONS

Technical Standards and Safety Authority (TSSA)

SLM-A

Ski-Lift Mechanic Class A

EDITION

Demo

QUESTIONS

9

FORMAT

Limited Edition PDF

Before you begin

What this is

9 practice questions for Technical Standards and Safety Authority (TSSA) SLM-A , each with its answer key and an explanation. Answer a question before you read its key — the explanation is worth more once you have committed.

If something looks wrong

Send us three things and we will check it:

- the exam code, SLM-A
- the question number
- the email address on your order

Write to **support@mometrix.net**. We reply within one business day.

QUESTION 1

SINGLE CHOICE

A mechanic discovers a damaged component on a ski lift. Which document establishes the regulatory requirements that must be followed for the lift's safe operation and maintenance?

- ☐ A The lift manufacturer's marketing brochure
- ☒ B The applicable TSSA requirements and adopted codes and standards
- ☐ C The resort's employee dress code
- ☐ D The lift operator's personal maintenance notes

ANSWER B

WHY Ski-lift mechanics must follow the applicable regulatory requirements and adopted codes and standards governing the design, operation, inspection, and maintenance of the lift. The other documents do not establish regulatory requirements.

QUESTION 2

SINGLE CHOICE

Before starting maintenance on a ski-lift component, which action is essential to prevent unexpected movement or energization?

- ☐ A Inspect only the visible portion of the component
- ☒ B Apply the required lockout/tagout or isolation procedure and verify zero energy
- ☐ C Ask another worker to watch the component
- ☐ D Increase the lift's operating speed briefly

ANSWER B

WHY Isolation, lockout/tagout, and verification of a zero-energy state are essential before maintenance so that the equipment cannot move or be energized unexpectedly.

QUESTION 3

SINGLE CHOICE

During a lift operating cycle, a control-system indication shows that a safety device has opened. What should the mechanic conclude first?

- ☐ A The lift should continue operating normally
- ☒ B The device requires immediate investigation and the lift must not be returned to service until the condition is addressed
- ☐ C The indication is merely decorative
- ☐ D The lift can operate at reduced speed without further action

ANSWER B

WHY A safety-device opening is a protective response indicating that a potentially unsafe condition exists. It must be investigated, and the lift must not be returned to service until the condition is resolved and the system is verified safe.

QUESTION 4

SINGLE CHOICE

During a scheduled inspection, a mechanic finds abnormal wear on a critical load-bearing component. What is the appropriate response?

- ☐ A Continue operation until the next annual inspection
- ☐ B Lubricate the component and continue operation
- ☒ C Remove the component from service, control the associated hazard, and follow the required repair or replacement process
- ☐ D Ignore the wear if the lift is operating normally

ANSWER C

WHY Abnormal wear on a critical load-bearing component can affect the safety of the lift. The component must be taken out of service and the applicable repair, replacement, and return-to-service requirements must be followed.

QUESTION 5

SINGLE CHOICE

What is the primary safety function of a ski-lift braking system?

- ☐ A To increase passenger comfort only
- ☒ B To stop and hold the lift under required operating and emergency conditions
- ☐ C To reduce electrical consumption
- ☐ D To control the lift's ticket scanning function

ANSWER B

WHY The braking system must stop and hold the lift under the required operating and emergency conditions, providing a critical safety function for passengers and personnel.

QUESTION 6

SINGLE CHOICE

Which condition in a lift rope or cable system warrants immediate removal from service and investigation?

- ☐ A A uniform surface colour change caused by weather
- ☐ B A documented condition that remains within the applicable acceptance criteria
- ☒ C A serious defect such as broken wires, deformation, or damage that could affect safe operation
- ☐ D A small amount of approved lubricant on the surface

ANSWER C

WHY Broken wires, deformation, or other damage can reduce the strength or safe operation of a rope or cable system. Such a condition must be taken seriously, removed from service when required, and investigated before return to service.

QUESTION 7

SINGLE CHOICE

After a repair affecting a lift's safety-related function, what must occur before the lift is returned to service?

- ☐ A Only a visual check of the repaired area
- ☐ B An informal verbal confirmation from any employee
- ☒ C The required testing and verification must be completed and the lift released by the authorized person
- ☐ D Operation at full speed without a test load

ANSWER C

WHY A repair affecting a safety-related function requires appropriate testing and verification before return to service, with release by the person authorized to place the lift back into operation.

QUESTION 8

SINGLE CHOICE

When a ski lift stops unexpectedly, what should the operating procedure direct personnel to do first?

- ☐ A Immediately restart the lift repeatedly
- ☒ B Follow the established emergency-response procedure, secure the area, and assess the condition before taking action
- ☐ C Allow passengers to exit onto an unguarded moving part
- ☐ D Remove all guards to improve access

ANSWER B

WHY Personnel must follow the established emergency-response procedure, secure the area, and assess the condition before acting. Repeated restarting or removing safeguards can create additional hazards.

QUESTION 9

MULTIPLE CHOICE

Which two conditions are common hazards that must be controlled during ski-lift maintenance? (Choose two.)

- ☒ **A** Unexpected movement of the lift or its components
- ☒ **B** Stored electrical, hydraulic, pneumatic, or gravitational energy
- ☐ **C** A completed lockout/tagout verification
- ☐ **D** A documented inspection record

ANSWER A • B

WHY Unexpected movement and stored energy are hazards associated with ski-lift maintenance. Isolation and a completed verification are protective measures that help control those hazards, while an inspection record is not itself a physical hazard.