ROPE RESCUE TECHNICIAN EXAM 2024 | ACTUAL EXAM WITH A STUDY GUIDE AND PRACTICE EXAM | ACCURATE REAL EXAM QUESTIONS AND ANSWERS | GUARANTEED PASS | LATEST UPDATE | GRADED A

The NFPA standard number for fire service Life Safety Rope and System components is - ✓✓ANSW✓✓..1983

Which NFPA standard covers operations and training for technical search and rescue incidents - ✓✓ANSW✓✓..1670

What type if knot could be used to make a litter attendant tie-in adjustable in the low angle environment - ✓✓ANSW✓✓..Prusik Hitch

Life safety ropes are manufactured using _____ construction - ✓✓ANSW✓✓..Block Creel

The kern of a kernmantle rope is its - ✓✓ANSW✓✓..Core

Nylon rope, type 6.6, has a melting temperature of about - ✓✓ANSW✓✓..480 deg. fahrenheit

An acceptable method of storing rope is in - ✓✓ANSW✓✓..a cool, dry area

Which is an element of a knot - ✓✓ANSW✓✓..bight

the _____ hitch is a friction hitch that can be used for rappelling as a last resort - ✓✓ANSW✓✓..munter

one of the most common ways a rope's life is shortened is through - ✓✓ANSW✓✓..Abrasion

the knot configuration depicted below is called a - ✓✓ANSW✓✓..double fisherman's knot/bend

the configuration depicted below is called a _____ and is used to tie webbing together - ✓✓ANSW✓✓..water knot

what is used as a stopper knot - ✓✓ANSW✓✓..figure 8

a knot that is tied around an object in such a way that, when the object is removed, it falls apart is a(n) - ✓✓ANSW✓✓..hitch

small diameter rope used to make a prusik loop is called - ✓✓ANSW✓✓..accessory cord

the open loop is a rope formed when it is doubled back on itself is called a - ✓✓ANSW✓✓..bight

the preferred construction method due to the strands spiraling around the web in tubular webbing is - ✓✓ANSW✓✓..shuttle loom

rope constructed so that the fibers run the entire length of the rope without splices is called - ✓✓ANSW✓✓..block creel

according to NFPA 1983, the minimum tensile test strength of a general use life safety rope should be approximately _____ lbs of force - ✓✓ANSW✓✓..9,000

kern mantle rope is.... - ✓✓ANSW✓✓..commonly used for rescue

what part of the rescue rope provides most of the strength - ✓✓ANSW✓✓..kern

the recommended construction for one-inch tubular webbing is - ✓✓ANSW✓✓..spiral stitch

a fastening made by tying rope or webbing together in a prescribed way is a - ✓✓ANSW✓✓..knot

which type of rope is considered the standard for rescue use - ✓✓ANSW✓✓..synthetic fiber

all knots should be loaded and: - ✓✓ANSW✓✓..dressed

a rope in use is commonly referred to as a - ✓✓ANSW✓✓..line

a knot used to join two pieces of rope together is a(n) - ✓✓ANSW✓✓..figure 8 bend

a knot used to tie a rope around an anchor is a - ✓✓ANSW✓✓..figure 8 follow through loop

the knot efficiency of the high-strength tie-off tensionless hitch is (Percentage) - ✓✓ANSW✓✓..100%

kernmantle rope is the most used for rescue with the kern member providing _____ of the rope's strength - ✓✓ANSW✓✓..75-85%

what type of knot could be used to make a litter attendant tie-in adjustable in the low angle environment - ✓✓ANSW✓✓..prusik hitch

when wet, the loss in strength for polyester rope is - ✓✓ANSW✓✓..minimal

which is an element of a knot - ✓✓ANSW✓✓..bight

the _____ hitch is a friction hitch that can be used for rappelling as a last resort - ✓✓ANSW✓✓..munter

the term _____ is a classification for life safety rope - ✓✓ANSW✓✓..static

some dynamic kernmantle ropes can stretch as much as _____ percent before breaking - ✓✓ANSW✓✓..60

as defined in NFPA 1983, 2012 edition, the minimum breaking strength for new technical/light use life safety rope shall not be less than _____ Lbf when tested - ✓✓ANSW✓✓..4500

the _____ knot is primarily used as a safety knot - ✓✓ANSW✓✓..overhand

one knot that may be used to tie two pieces of rope together is the _____ - ✓✓ANSW✓✓..figure 8 bend

when operating a Munter hitch, the _____ must not be taken off the rope - ✓✓ANSW✓✓..brake hand

the sheath rating of a kernmantle rope is _____ percent of the rope's strength - ✓✓ANSW✓✓..10-30

_____ is related to the amount a rope can safely elongate - ✓✓ANSW✓✓..energy absorption

nylon rescue ropes lose up to _____ percent of their strength when wet - ✓✓ANSW✓✓..23

a function of a load releasing hitch is to allow _____ but it also works great as a load-transfer component when passing knots in very long systems - ✓✓ANSW✓✓..releasing jammed prusiks

the strongest knot for attaching to an anchor is the - ✓✓ANSW✓✓..tensionless hitch

the hitch used for ascending a rope and for assistance in self-rescue situations is the_____ - ✓✓ANSW✓✓..prussik

The knot used as a self-rescue knot is the - ✓✓ANSW✓✓..prussik hitch

What percent of its tensile strength is lost when nylon fibers absorb water - ✓✓ANSW✓✓..23

The main drawback to using Kevlar in rescue ropes is that - ✓✓ANSW✓✓..the small bends used in knot tying severely weaken the rope

Personal escape rope is intended for - ✓✓ANSW✓✓..emergency self-rescue situations with a minimum diameter of 7.5mm

the breaking strength of a rope is measured as - ✓✓ANSW✓✓..tensile strength at break

a knot that may be used to form a load-distributing anchor system is a - ✓✓ANSW✓✓..two-loop figure eight

any harness for rescue should meet NFPA ____ standards - ✓✓ANSW✓✓..1983

which of the following is the most harmful to rope - ✓✓ANSW✓✓..sunlight

which of the following is correct regarding rescue rope - ✓✓ANSW✓✓..new rope does not need to be broken in

when life safety rope is purchased, the _____ should include the rope product label information - ✓✓ANSW✓✓..rope tag

which statement is correct regarding rope sheath construction - ✓✓ANSW✓✓..the sheath design affects the abrasion resistance of the rope

which statement is correct regarding rope diameter - ✓✓ANSW✓✓..larger diameter ropes provide more friction

the sheath rating of a kernmantle rope is _____ percent of the rope's strength - ✓✓ANSW✓✓..70-90

the breaking strength of a rope is measured as - ✓✓ANSW✓✓..tensile strength at break

nylon rope has - ✓✓ANSW✓✓..high strength, high resistance to abrasion

the hunter hitch is intended for a - ✓✓ANSW✓✓..one person load