GradReady

Comprehension

Question 1
Answer: C, Rope is weaker than polyethylene cord

This is correct due to the statement: “Rope is thicker and stronger than similarly constructed string, twine and cord with the exception of polyethylene cord.”

A is incorrect as rope is thicker than twine
B is incorrect as there is no reference to Hemp
D is incorrect as there is no reference to paracord

Question 2
Answer: B, True ropes are twisted and braided

This is correct as per the statement: “The earliest evidence of true rope making is a very small fragment of three-ply cord from a Neanderthal site dated 50,000 years ago” as well as being implied in “It is likely that the earliest "ropes" were naturally occurring lengths of plant fibre, such as vines, followed soon by the first attempts at twisting and braiding these strands together to form the first proper ropes in the modern sense of the word”

A: Laid rope is said to be historically prevalent
C: There is no mention of compressive strength and the passage states “Ropes have tensile strength”
D: The passage states that “Pulleys can redirect the pulling force of a rope in another direction, multiply its lifting or pulling power”

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Question 3
Answer: A, The ISO 2 standard involves 6 twists including the S and Z

Whilst S and Z are twist types within the ISO 2 standard, there is no mention of other types

B: Common twisted rope generally consists of three strands and is normally right-laid (Z-twist)
C: in Z twist ropes, the direction of twists progressing away the observer are right twists
D: Laid rope is also called twisted rope,

Question 4
Answer: C, Polyester

Out of nylon, polypropylene and polyester, polyester is the only rope that doesn't degrade in UV light which would be essential for an outdoor clothesline. There is no mention of hemp