Assignment 11

The due date for submitting this assignment has passed.

As per our records, you have not submitted this assignment.

1) Kinetic energy density (KED) is highest for

- Elastic (Correct)
- Nylon
- Acrylic

No, the answer is incorrect.
Score: 0

2) If the yarn twist is increased for a fabric used for bullet proof clothing

- Breaking elongation increases
- Breaking elongation decreases
- Nodule increases
- Nodule decreases

No, the answer is incorrect.
Score: 0

3) Amongst the following fibres, lightest bullet proof fabric will be produced from

- Glass fibre
- Carbon fibre
- Animal fibre
- Ultra High Molecular weight Polyethylene (UHMWPE)

No, the answer is incorrect.
Score: 0

4) Compression bandage

- Helps in absorption of fluid from tissues and helps oedema
- Helps in absorption of fluid in tissues and helps oedema
- Increases the venous flow rate and aids ulcer
- Decreases the venous flow rate and aids ulcer

No, the answer is incorrect.
Score: 0

5) Compression bandage pressure reduces over duration of time

- Due to creep behaviour
- Due to stress strain behaviour
- Due to stress enhancement
- Due to stress relaxation

No, the answer is incorrect.
Score: 0

6) The correct statement(s) amongst the following are correct.

- The compression bandage pressure is directly proportional to the curvature of the limb
- The compression bandage pressure is inversely proportional to the width of the bandage
- The compression bandage pressure is inversely proportional to the width of the bandage
- The compression bandage pressure is directly proportional to the width of the bandage

No, the answer is incorrect.
Score: 0

7) If two compression bandages are used one with width of 6 cm and other with width of 10 cm with all other parameters remain same, the correct statement(s) amongst the following are correct.

- Bandage with 5 cm width gives lower pressure
- Bandage with 5 cm width gives higher pressure
- Bandage with 10 cm width gives higher pressure
- Both the bandages will result same pressure

No, the answer is incorrect.
Score: 0

8) The correct statement(s) amongst the following are correct.

- As the limb hardness increases the compression bandage pressure increases
- As the limb hardness increases the compression bandage pressure decreases
- Friction offered by hard body to deformation is high
- Friction offered by hard body to deformation is low

No, the answer is incorrect.
Score: 0

9) The correct statement(s) amongst the following is correct, as compared to stiffer compression bandage:

- Flexible bandage has higher stress relaxation
- Flexible bandage has lower pressure retention
- Stiffer bandage has higher stress relaxation
- Stiffer bandage has lower pressure retention

No, the answer is incorrect.
Score: 0

10) Myths related to compression bandage, the correct statement(s) amongst the following are correct.

- The internal pressure drop in bandages with higher mass per unit area is high
- The internal pressure drop in bandages with higher mass per unit area is low
- The presence of higher comp in a bandage results in rapid stress relaxation
- The presence of higher comp in a bandage results in rapid stress relaxation

No, the answer is incorrect.
Score: 0