Assignment 1

The due date for submitting this assignment has passed. As per our policy you have not submitted this assignment.

1. Overhanging length equal to bending length at angle of 30º, 45º, 60º.

2. KES-F1 measures - Tensile characteristics.

3. No, the answer is incorrect. Solution: KES-F1 measures - Tensile characteristics.

4. KES-F4 measures - Surface roughness.

5. No, the answer is incorrect. Solution: KES-F4 measures - Surface roughness.

6. Is KES-F5 instrument testing in shear mode, which of the following statements is true?
   - KES-F5 is shear hysteresis of shear force at 0.1 shear stress.
   - KES-F5 is shear hysteresis of shear force at 0.5 shear stress.
   - KES-F5 is shear hysteresis of shear force at 1.0 shear stress.
   - KES-F5 is shear hysteresis of shear force at 3.0 shear stress.

No, the answer is incorrect. Solution: KES-F5 is shear hysteresis of shear force at 0.1 shear stress.

7. No, the answer is incorrect. Solution: KES-F7 measures - Damping behaviour of the fabric.

8. Compressive resilience in KES-F8 instrument is given by:
   - Ratio of area under recovery curve to area under compression curve.
   - Ratio of area under recovery curve to area under compression curve.
   - Addition of area under compression and recovery curves.
   - Subtraction of area under compression and recovery curves.

No, the answer is incorrect. Solution: KES-F8 measures - Damping behaviour of the fabric.

9. KES-F1 measures - Tensile characteristics.

10. No, the answer is incorrect. Solution: KES-F7 measures - Damping behaviour of the fabric.

11. No, the answer is incorrect. Solution: KES-F7 measures - Damping behaviour of the fabric.

12. Subjective characteristics:
   - Shear rigidity.

13. No, the answer is incorrect. Solution: Subjective characteristics:

14. Subjective characteristics:
   - Shear rigidity.

15. No, the answer is incorrect. Solution: Subjective characteristics:

16. Subjective characteristics:
   - Shear rigidity.

17. No, the answer is incorrect. Solution: Subjective characteristics:

18. Subjective characteristics:
   - Shear rigidity.

19. No, the answer is incorrect. Solution: Subjective characteristics:

20. Subjective characteristics:
   - Shear rigidity.

21. No, the answer is incorrect. Solution: Subjective characteristics:

22. Subjective characteristics:
   - Shear rigidity.

23. No, the answer is incorrect. Solution: Subjective characteristics:

24. Subjective characteristics:
   - Shear rigidity.

25. No, the answer is incorrect. Solution: Subjective characteristics:

26. Subjective characteristics:
   - Shear rigidity.

27. No, the answer is incorrect. Solution: Subjective characteristics:

28. Subjective characteristics:
   - Shear rigidity.

29. No, the answer is incorrect. Solution: Subjective characteristics:

30. Subjective characteristics:
   - Shear rigidity.

31. No, the answer is incorrect. Solution: Subjective characteristics:

32. Subjective characteristics:
   - Shear rigidity.

33. No, the answer is incorrect. Solution: Subjective characteristics:

34. Subjective characteristics:
   - Shear rigidity.

35. No, the answer is incorrect. Solution: Subjective characteristics:

36. Subjective characteristics:
   - Shear rigidity.

37. No, the answer is incorrect. Solution: Subjective characteristics:

38. Subjective characteristics:
   - Shear rigidity.

39. No, the answer is incorrect. Solution: Subjective characteristics:

40. Subjective characteristics:
   - Shear rigidity.

41. No, the answer is incorrect. Solution: Subjective characteristics:

42. Subjective characteristics:
   - Shear rigidity.

43. No, the answer is incorrect. Solution: Subjective characteristics:

44. Subjective characteristics:
   - Shear rigidity.

45. No, the answer is incorrect. Solution: Subjective characteristics:

46. Subjective characteristics:
   - Shear rigidity.

47. No, the answer is incorrect. Solution: Subjective characteristics:

48. Subjective characteristics:
   - Shear rigidity.

49. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

51. No, the answer is incorrect. Solution: Subjective characteristics:

52. Subjective characteristics:
   - Shear rigidity.

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54. Subjective characteristics:
   - Shear rigidity.

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   - Shear rigidity.

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   - Shear rigidity.

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   - Shear rigidity.

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79. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

81. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

83. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

85. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

87. No, the answer is incorrect. Solution: Subjective characteristics:

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   - Shear rigidity.

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   - Shear rigidity.

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   - Shear rigidity.

93. No, the answer is incorrect. Solution: Subjective characteristics:

94. Subjective characteristics:
   - Shear rigidity.

95. No, the answer is incorrect. Solution: Subjective characteristics:

96. Subjective characteristics:
   - Shear rigidity.

97. No, the answer is incorrect. Solution: Subjective characteristics:

98. Subjective characteristics:
   - Shear rigidity.

99. No, the answer is incorrect. Solution: Subjective characteristics:

100. Subjective characteristics:
    - Shear rigidity.