Assignment 1

This is an online assignment and you have 3 weeks to complete it.

Due on 2020-02-12, 23:59 IST.

1. Which one of the following is true in a wide range of construction materials?
   - Density varies by five orders of magnitude
   - Brittleness varies by five orders of magnitude
   - Strength varies by five orders of magnitude
   - Practice energy varies by five orders of magnitude
   - No, the answer is incorrect.
   - Option B
   - Chemical strength used in the design and material selection to the
   - Maximum strength
   - Minimum strength
   - Flexural strength
   - No, the answer is incorrect.
   - Option A
   - Coefficient of variation is highest in which of the following materials?
   - Steel
   - Timber (engineered wood)
   - Conventional
   - No, the answer is incorrect.
   - Option A
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Coefficient of variation is highest in which of the following materials?
   - Steel
   - Timber (engineered wood)
   - Conventional
   - No, the answer is incorrect.
   - Option A
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Assumning a normal or Gaussian distribution for the strength of tested samples, what are the values of the failure rate k for the failure rates of this test?
   - 0.05
   - 0.55
   - No, the answer is incorrect.
   - Option A
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Coefficient of variation is highest in which of the following materials?
   - Steel
   - Timber (engineered wood)
   - Conventional
   - No, the answer is incorrect.
   - Option A
   - Which of the following tendency are directional?
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   - Option A
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   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Coefficient of variation is highest in which of the following materials?
   - Steel
   - Timber (engineered wood)
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   - No, the answer is incorrect.
   - Option A
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   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Coefficient of variation is highest in which of the following materials?
   - Steel
   - Timber (engineered wood)
   - Conventional
   - No, the answer is incorrect.
   - Option A
   - Which of the following tendency are directional?
   - Conventional
   - Inorganic
   - Inorganic
   - No, the answer is incorrect.
   - Option D
   - Coefficient of variation is highest in which of the following materials?