

TOPIC

Materials

QUESTION

Engineering normal stress is

- (A) always higher than the true stress
- (B) always lower than the true stress
- (C) the same as the true stress in all deformation regimes
- (D) all of the above

HINT

True stress takes into account the sample apparent cross-sectional area during loading.

ANSWER

(B)

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This question of the day was provided by the courtesy of Professor [Alex Volinsky](#) of the [University of South Florida](#) from the book [Fundamentals of Engineering Examination Sample Questions General Engineering](#).