

GD&T Practice Test Questions and Answers

1. What is 'true position' in GD&T?

- A) The theoretically exact location of a feature, defined by basic dimensions from the datum reference frame
- B) The actual measured position of the feature
- C) The average of multiple measured positions
- D) The nominal position stated in the title block

2. What is virtual condition in GD&T?

- A) The worst-case boundary generated by the collective effects of MMC size and the applicable geometric tolerance
- B) The nominal drawing size of a feature
- C) The maximum material condition of a feature without geometric tolerance
- D) The average of all measured boundary positions

3. What is resultant condition in GD&T?

- A) The worst-case boundary generated by the collective effects of LMC size and the maximum geometric tolerance
- B) The average of the virtual and nominal conditions
- C) The same boundary as virtual condition but applied to datums
- D) The boundary when a feature is at its nominal size

4. What is an interference fit in GD&T?

- A) A fit that allows movement between parts.
- B) A fit that requires force to assemble.
- C) A fit that is used to prevent assembly.
- D) A fit with no tolerance.

Answers: 1-A 2-A 3-A 4-B

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