

MLA STEM GUITAR QUIZ (Answer Key)

Solid Body Composite Quiz

Question 1 (1 point)

In the wet layup of the guitar body, the "release" considerations need to be the separation of cured epoxy from mold, and the _____ separation of the mold body.

- A. mechanical
- B. adhesive
- C. flexible
- D. vacuum

Question 2 (1 point)

Clean room temperature for the proper epoxy cure should be

- A. 65-75 F
- B. 45-55 F
- C. 63-73 F
- D. 53-63 F

Question 3 (1 point)

When preparing a wet layup, generally your resin content should be (respectably)

- A. 50%
- B. 30%
- C. 20%
- D. 40%

Question 4 (1 point)

The proper formula for resin to fiber content is:

- A. $WR = Wf \times .4 / .6$
- B. $WR = Wf \times .6 / .4$
- C. $Wf = Wr \times .6$
- D. $WR = Wf \times .4$

Question 5 (1 point)

The proper fiber for sharp turns and large draping is

- A. Satin Weave
- B. Twill Weave
- C. Plain Weave
- D. Four Harness

Question 6 (1 point)

Which vacuum material must be used for even air evacuation in contact with probe?

- A. Bleeder
- B. Breather
- C. Perforated release
- D. Solid release?

Question 7 (1 point)

The Electric Guitar Base has two perforations through the body- which material should be used to create the void?

- A. Polystyrene foam
- B. Cotton Fill
- C. Polyurethane Foam
- D. Wood

Question 8 (1 point)

The MDF mold for the bottom guitar body has the same coefficient of expansion (COE) as the FRP body.

- True
- False

Question 9 (1 point)

All fasteners for electrical mounting and trim will need to machine screws, not self tapping screws.

- True
- False

Question 10 (1 point)

The approximate thickness of the guitar body wall will be (in inches)

- A. .0025
- B. .125
- C. .0625
- D. 1.5