

1 Which of the following statements is correct?:

During the incremental build-up process, each light-cure cycle requires

- a 1 minute
- b 2 minutes
- c 3 minutes
- d 4 minutes
- e 5 minutes

2 Which of the following statements is correct?:

- a Filler particles are silanated for suitable adhesion to the organic matrix
- b Filler particles do not require silanation for suitable adhesion to the organic matrix
- c Filler particles are treated with strong acids to enhance adhesion to the organic matrix

3 Which of the following statements is correct?

The body and incisal material contain a reinforced microfill which is:

- a 25% by weight
- b 25% by weight
- c 70% by weight

4 Which of the following statements is correct?

- a The matrix for the incisal utilizes a low Bis-GMA concentration
- b The matrix for the dentin and body utilize a low Bis-GMA concentration
- c The matrix for the dentin and body utilize a higher Bis-GMA concentration
- d The matrix for the incisal utilizes a higher Bis-GMA concentration
- e a and b
- f a and c
- g b and d

5 Which of the following statements is correct?

The microhybrids comprise approximately

- a 66% inorganic fillers and 33% resin matrix
- b 50% inorganic fillers and 50% resin matrix
- c 33% inorganic fillers and 66% resin matrix

6 Which of the following statements is correct?

The indirect resin reinforced system described in this report utilizes as a curing mechanism:

- a pressure
- b light
- c heat underwater
- d a and b
- e a and c
- f a, b and c
- g none of the above

7 Which of the following statements is correct?

For large restorations or for teeth with minimal enamel:

- a Resins with increased particle size are required
- b Unfilled resins should be considered
- c Fibres should be included as a base on which to cure the composite

8 Which of the following statements is correct?

a The next-generation resin systems maintain a lower density of inorganic ceramic microfillers compared to the earlier-generation direct and indirect systems.

- b The next-generation resin systems maintain a similar density of inorganic ceramic microfillers compared to the earlier-generation direct and indirect systems.
- c The next-generation resin systems maintain a higher density of inorganic ceramic microfillers compared to the earlier-generation direct and indirect systems.

9 Which of the following statements is correct?:

As a general rule, a restoration with cuspal coverage should be considered when the isthmus exceeds:

- a One quarter of the distance from the central fossa to the cusp tip
- b One half of the distance from the central fossa to the cusp tip
- c One third of the distance from the central fossa to the cusp tip
- d none of the above

10 Which of the following statements is correct?:

The term 'crack arrester' refers to

- a a 0.005µm reinforcement particle
- b a 0.05µm reinforcement particle
- c a 1.0µm reinforcement particle

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