



**focus 3rd Quarter Quiz 2021**  
**3D Printing is Only as Good as the Resins You Use**

NBC Approval #40766  
CE Broker #20-867376

1. This article is about 3D printing and how it is changing our industry.
  - a. True
  - b. False
2. 3D printers that utilize liquid resins in their manufacturing process as the dominant method are not plentiful and abundant.
  - a. True
  - b. False
3. There is a wide range of quality that exists between various 3D printers on the market, and this is also true of the resins that these machines require.
  - a. True
  - b. False
4. The most common photoinitiator used in dental material today is called camphorquinone.
  - a. True
  - b. False
5. Less pigment in a resin will lead to more settling over time.
  - a. True
  - b. False
6. The success of the conversion depends on ensuring that the part of the light spectrum used to cure the resin is compatible with the requirements of the photoinitiator.
  - a. True
  - b. False
7. Printers using a 385 nanometer light source use more photo initiators than those with a 405 nanometer light source.
  - a. True
  - b. False
8. Graphic #1 shows a nice alternation of monomer A and monomer B, which is typically how these chains are formed.
  - a. True
  - b. False
9. All unstable molecules have an even number of electrons.
  - a. True
  - b. False
10. There are many factors to set you up for success when you are choosing a resin. A good formula, high standards for manufacturing and quality control, and great technical support.
  - a. True
  - b. False

**Passing quiz grades are worth ½ point documented scientific credit towards your CDT or RG renewal and towards the State of Florida required 18 hours of continuing education. Look for more quizzes in future issues of focus magazine!**

**You must submit your completed quiz to FDLA by fax at (850) 222-3019 or by mail to the address below. For CDT credit, FDLA will report your hours directly to NBC. For State of Florida credit, FDLA will upload the information to CE Broker. Please allow 2 – 4 weeks to process your quiz.**

Name: \_\_\_\_\_ CDT # if applicable: \_\_\_\_\_ DOH Lic #: \_\_\_\_\_

Laboratory Name: \_\_\_\_\_

Address/City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

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**This quiz is provided to test the technician's comprehension of the article's content, and does not necessarily serve as an endorsement of the content by FDLA or NBC.**