



**focus 1<sup>st</sup> Quarter Quiz 2020**

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1. The original method of 3D printing was developed in 1970 by Chuck hull, founder of 3D Systems.

- a. True
- b. False

2. This method of printing uses a UV light source to cure a liquid photopolymer in a vat or tank, layer-by-layer until the part is complete.

- a. True
- b. False

3. There are only two main types of vat polymerization.

- a. True
- b. False

4. With Laser SLA printing you have one single point of curing on the build plate at a time. This makes the print times of this method longer than DLP and LCD.

- a. True
- b. False

5. DLP printing uses a light source to project what is being printed onto the entire surface of your build plate at one time, making it faster than its cousins, SLA printing.

- a. True
- b. False

6. LCD technology is all around us, and has been used in the dental industry for years.

- a. True
- b. False

7. DLP, LCD, and SLA printers all belong to the same family, however, their technologies are different. DLP and LCD by their nature are much slower than SLA printing.

- a. True
- b. False

8. Professional DLP printers use high-quality components and, even though they cost more, you are also getting a very accurate and fast printer.

- a. True
- b. False

9. DMP or SLM printing uses a laser to melt and fuse a bed of metallic powders together.

- a. True
- b. False

10. The accuracy of a DLP 3D printer is defined by the size of the pixel being projected. The larger the pixel size, the higher the accuracy.

- 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: \_\_\_\_\_

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