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Courses » Rapid Manufacturing Announcements **Course** Ask a Question Progress FAQ

Unit 3 - Week 01

Register for Certification exam

Course outline

How to access the portal

Week 00

Week 01

Lectures 1, Introduction to Rapid Manufacturing (Part 1 of 3), Dr. Janakarajan Ramkumar

Lectures 2, Introduction to Rapid Manufacturing (Part 2 of 3), Dr. Janakarajan Ramkumar

Lectures 3, Introduction to Rapid Manufacturing (Part 3 of 3), Dr. Janakarajan Ramkumar

Quiz : Assignment 01

Feedback For Week 1

Solution: Assignment 01

Assignment 01

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-13, 23:59 IST.**

1) Mark the following statement as true or false. **1 point**

“Rapid Manufacturing is creating durable and safe products for sale to real customers in moderate to large quantities.”

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

2) Elaborate F3T. **1 point**

- Ford Freedom Fabrication Technology
- Freedom Fabrication Ford Technology
- Fabrication Freedom Ford Technology
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

None of these

3) The layer based automated fabrication process for making scaled 3-dimensional physical objects directly from 3D-CAD data without using part-dependent tools is can be best termed as: **1 point**

- Rapid Tooling
- Additive Manufacturing
- Subtractive Manufacturing
- Prototype Tooling

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Week 05	<input type="radio"/> Single-photon release	
Week 06	<input type="radio"/> Multi-photon absorption	
Week 07	<input type="radio"/> Single-photon adsorption	
Week 08	<input type="radio"/> None of these	
Week 09	No, the answer is incorrect. Score: 0 Accepted Answers: <i>Multi-photon absorption</i>	
Week 10	5) Additive manufacturing is generally a _____ process.	1 point
Week 11	<input type="radio"/> 1D	
Week 12	<input type="radio"/> 2D	
Week 13	<input type="radio"/> 2.5D	
Week 14	<input type="radio"/> 3D	
Week 15	No, the answer is incorrect. Score: 0 Accepted Answers: <i>2.5D</i>	
Week 16	6) Mark the following statement as true or false. "Solid imaging or concept modelling defines a family of parts that are applied to verify a basic concept."	1 point
Week 17	<input type="radio"/> True	
Week 18	<input type="radio"/> False	
Week 19	No, the answer is incorrect. Score: 0 Accepted Answers: <i>True</i>	
Week 20	7) Which of the following is an Additive Manufacturing process?	1 point
Week 21	<input type="radio"/> Stereolithography	
Week 22	<input type="radio"/> Room temperature vulcanization	
Week 23	<input type="radio"/> Vacuum Casting	
Week 24	<input type="radio"/> Silicon Rubber Molding	
Week 25	No, the answer is incorrect. Score: 0 Accepted Answers: <i>Stereolithography</i>	
Week 26	8) Direct Tooling is technically equivalent to:	1 point
Week 27	<input type="radio"/> Direct Costing	
Week 28	<input type="radio"/> Direct Manufacturing	
Week 29	<input type="radio"/> Indirect Production	
Week 30	<input type="radio"/> None of these	
Week 31	No, the answer is incorrect. Score: 0 Accepted Answers: <i>Direct Manufacturing</i>	

9) Mark the following statement as true or false.

1 point

“All Additive Manufacturing processes are called direct processes in order to indicate that the digital process model is directly converted into a physical object, called the part, by means of a generative machine.”

- True
 False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

10) Which of the following processes can be preferably used for vacuum casting?

1 point

- Indirect Prototyping
 Direct Prototyping
 Stereolithography
 3D printing

No, the answer is incorrect.

Score: 0

Accepted Answers:

Indirect Prototyping

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