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reviewer4@nptel.iitm.ac.in ▼

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

Unit 12 - Week 10

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Course outline

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Week 10

○ Lectures 33, Post-processing concerns (Part 1 of 2); Dr. Amandeep Singh

○ Lectures 34, Post-processing concerns (Part

Assignment 10

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-04-10, 23:59 IST.**

1) Which of the following methods is widely used for a large number of applications to produce **1 point** injection mold cavities and cores, embossing plates, seamless belts and laser pumping cavities?

- Spray metal deposition
- Nickel vapour deposition
- Nickel Electroforming
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Nickel Electroforming

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

“The main disadvantage of metal spraying is that it is not suitable where the part possesses features such as projections which partially block the metal spray configuration or where recesses may be too deep to spray into completely.”

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

3) Which tool is widely used for producing accurate silicone tools for casting parts with fine details a very thin walls? **1 point**

- Metal spraying
- Vacuum Casting

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Dr. Amandeep Singh

Lectures 36, Product costing for Rapid Manufacturing (Part 2 of 2); Dr. Amandeep Singh

Quiz : Assignment 10

Solution: Assignment 10

Feedback For Week 10

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4) Which type of tools is used for manufacture prototype parts or limited runs of production parts? **1 point**

- Metal spraying tools
- Hot Isostatic Pressing
- Epoxy tools
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Epoxy tools

5) In which of the following cases, preferably wet or dry sanding are performed? **1 point**

- If we require smooth or polished finish.
- If we require matte surface finish.
- If we want to remove sharp corners.
- If we want to reduce the size of the component

No, the answer is incorrect.
Score: 0

Accepted Answers:
If we require smooth or polished finish.

6) The cost which takes to build one component with all costs included is known as: **1 point**

- Product Cost
- Part Cost
- Production Cost
- Fixed Cost

No, the answer is incorrect.
Score: 0

Accepted Answers:
Part Cost

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

"Design complexity is never for free in Additive Manufacturing."

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

8) _____ are used for high quantity production in traditional manufacturing. **1 point**

- General Purpose Machines
- Special Purpose Machines
- Advanced Additive Manufacturing Machines
- None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:*Special Purpose Machines*

9) Find the delay time in a Build development with following data:

2 points

Number of Layers = 500

Predelay time = 10 seconds

Postdelay time = 5 seconds

Start-up time = 100 seconds

 5600 seconds 6600 seconds 7600 seconds 8600 seconds**No, the answer is incorrect.****Score: 0****Accepted Answers:***7600 seconds*[Previous Page](#)[End](#)