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reviewer4@nptel.iitm.ac.in ▼

**Courses » Rapid Manufacturing**

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## Unit 7 - Week 05

Register for Certification exam

### Course outline

How to access the portal

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Week 01

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**Week 05**

Lectures 14, Laboratory Demonstration, Co-ordinate Measuring Machine (Part 1 of 2); Dr. Amandeep Singh

Lectures 15, Laboratory Demonstration, Co-ordinate Measuring Machine (Part 2 of 2); Dr. Amandeep Singh

Lectures 16, Laboratory

## Assignment 05

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-03-06, 23:59 IST.**

1) A coordinate measuring machine is used for: **1 point**

- Measuring chemical characteristics
- Measuring thermal characteristics
- Measuring physical geometrical characteristics
- None of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Measuring physical geometrical characteristics*

2) How many degrees of freedom are covered by the presented CMM? **1 point**

- Two
- Four
- Six
- Eight

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Six*

3) How many main components are there in the presented CMM? **1 point**

- 2
- 3
- 4
- 5

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A project of



**NPTEL**

National Programme on Technology Enhanced Learning

In association with



Funded by

3D scanners  
(Part 2 of 2);  
Dr. Amandeep  
Singh

○ Quiz :  
Assignment 05

○ Feedback For  
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○ Solution:  
Assignment 05

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**Week 06**

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**Week 07**

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**Week 09**

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**Week 10**

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**Week 11**

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**Week 12**

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**DOWNLOAD  
VIDEOS**

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**Interaction  
Session**

design intent.”

True

False

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*True*

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5) Which of the following is(are) advantage(s) of CMM? **1 point**

Flexibility

Multiple Setup

Increased Operator Influence

All of these

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Flexibility*

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6) Which of the following sector(s) can use CMM? **1 point**

Aerospace Engineering

Automobile Engineering

Reverse Engineering

All of these

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*All of these*

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7) State the following statement as true or false. **1 point**  
“Red light in scanners is not harmful for human operators”

True

False

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*False*

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8) \_\_\_\_\_ scanner does not use 'raster graphics' in developing the object. **1 point**

Artec Space Spider

Artec Eva

Dr. Picza3

None of these

**No, the answer is incorrect.**  
**Score: 0**

**Accepted Answers:**  
*Dr. Picza3*

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9) The option 'Multi' in Artec Studio 11 software is primarily used \_\_\_\_\_. **0 points**

- to get multiple views of an object from different directions
- to scan multiple small objects in a single scan
- to generate multiple copies of a single object
- None of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*to scan multiple small objects in a single scan*

10) Dr. Picza3 LPX-600 scanner can't scan if the angle between camera and receiver is lesser **1 point** than \_\_\_\_\_ degrees.

- 10
- 15
- 20
- 25

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*20*

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