

Unit 2 - Week 0: Prerequisite

Course outline

How does an NPTEL online course work?

Week 0: Prerequisite

Quiz : Assignment 0

Solution: Assignment 0

Week 1: Introduction to Conventional Abrasive Processes

Week 2: Sustainable Grinding Process

Week 3: Honing, Lapping and Super Finishing.

Week 4 : Conventional Abrasive Process and Surface Integrity in Abrasive Process

Week 5 : Advanced Abrasive Machining Processes

Week 6 : Hybrid Abrasive Machining Processes

Week 7 : Advanced Abrasive Finishing Processes-1

Week 8 : Advanced Abrasive Finishing Processes-2

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Assignment 0

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-01-26, 23:59 IST.

1) The size of the abrasive particles is _____.

1 point

- Circular
 Triangular
 Random
 Square

No, the answer is incorrect.
Score: 0

Accepted Answers:
Random

2) Which operation is used for finishing the inside surface of a hole?

1 point

- Grinding
 Honing
 Lapping
 Pitch polishing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Honing

3) Grinding is a _____ finishing process.

1 point

- Conventional
 Non-conventional
 Advance
 None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Conventional

4) Lapping is not suitable for

1 point

- Aluminium
 Tungsten
 Brass
 Copper

No, the answer is incorrect.
Score: 0

Accepted Answers:
Tungsten

5) Water jet machining (WJM) and abrasive water jet machining (AWJM) belong to which of the following group of non-traditional process.

1 point

- Thermal process
 Electrical process
 Mechanical process
 Chemical process

No, the answer is incorrect.
Score: 0

Accepted Answers:
Mechanical process

6) Magnetic field lines move from _____.

1 point

- North to South
 South to North
 West to East
 East to West

No, the answer is incorrect.
Score: 0

Accepted Answers:
North to South

7) Martensitic transformation is _____

1 point

- Diffusion less
 Second order transformation
 Strain less
 Long range diffusion of atoms

No, the answer is incorrect.
Score: 0

Accepted Answers:
Diffusion less

8) If carbon content is increased then the hardness of martensite _____.

1 point

- Decreases
 Remains constant
 First increases then decreases
 Increases

No, the answer is incorrect.
Score: 0

Accepted Answers:
Increases

9) Which of the following material cannot be machined using electric discharge machine?

1 point

- Iron
 Brass
 Wood
 Magnesium

No, the answer is incorrect.
Score: 0

Accepted Answers:
Wood

10) Cutting fluids are used to

1 point

- To cool the cutting tool and the workpiece
 Help to carry away the chips
 Prevent the work against rusting
 All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above