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reviewer4@nptel.iitm.ac.in ▼

Courses » Manufacturing Guidelines for Product Design

Announcements **Course** Ask a Question Progress FAQ

Unit 1 - How to access the portal

Register for Certification exam

Course outline

How to access the portal

- How to access the home page?
- How to access the course page?
- How to access the MCQ, MSQ and Programming assignments?
- How to access the subjective assignments?
- Quiz : Assignment 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Assignment 0

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2019-02-25, 23:59 IST.**

1) Artificial composites includes: **1 point**

- Metal matrix composites
- Polymer matrix composites
- Ceramic matrix composites
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these

2) The primary objective of engineering composites is to increase their: **1 point**

- Strength to weight ratio
- Weight to strength ratio
- Toughness
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Strength to weight ratio

3) _____ assemblies are designed to avoid trapping of flux in the joint. **1 point**

- Dip brazed
- Self-jigging
- Din brazed and Self-jigging

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4) Sharp corners must be avoided because these cause(s);

1 point

- Interruption to smooth flow of melt
- Differential shrinkage
- Stress concentration in finished part
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these



5) In context of Design for Environment, the product life cycle will be in the order of:

1 point

1. Extraction
2. Production
3. Processing of raw material
4. Distribution
5. Use of the product

- 1-3-2-4-5
- 1-3-2-5-4
- 3-2-5-4-1
- 3-2-4-1-5

No, the answer is incorrect.

Score: 0

Accepted Answers:

1-3-2-4-5



6) Which tool(s) is(are) used in economic analysis are:

1 point

- Three S's (Standardization, Simplification and Specialization)
- Break even analysis
- Marginal utility curve
- Both (a) and (b)

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both (a) and (b)

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