Assignment No. 1
The due date for submitting this assignment has passed. Due on 2019-08-14, 23:59 IST. As per our records you have not submitted this assignment.

1) Manufacturing is a process of converting raw material of

- Low value to high value
- High value to low value
- No value change
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Low value to high value

2) Miniaturization is primarily concerned with

- Increase in the effectiveness of the product
- Compactness of the product
- Maximum utilization of the product
- Minimum utilization of the product

No, the answer is incorrect.
Score: 0
Accepted Answers:
Compactness of the product

3) Hardening during sheet metal forming of carbon steel primarily occurs due to

- Work hardening

No, the answer is incorrect.
Score: 0
Accepted Answers:
No, the answer is incorrect.
Lecture 05: Classification of Manufacturing Processes (unit=5&lesson=10)

Quiz: Assignment No. 1 (assessment?name=100)

Solution for Assignment No. 1 (unit=5&lesson=117)

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

FEEDBACK FORM

DOWNLOAD VIDEOS

Text Transcripts

Precipitate hardening
Solid solution strengthening
Transformation hardening

No, the answer is incorrect.
Score: 0
Accepted Answers:
Work hardening

4) The process best in terms of close control of tolerance and surface finish is 1 point

- Casting
- Forming
- Joining
- Machining

No, the answer is incorrect.
Score: 0
Accepted Answers:
Machining

5) The process generally preferred for manufacturing of wheels and pulleys is 1 point

- Rolling
- Casting
- Machining
- Extrusion

No, the answer is incorrect.
Score: 0
Accepted Answers:
Machining

6) Castability is poor for 1 point

- High melting point material
- Low melting point material
- Ductile material
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
High melting point material

7) Solidification temperature range is shown by 1 point

- Pure metals
- Eutectic alloy
- Other than eutectic alloy
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Other than eutectic alloy

8) Machinability of the material, that are machined by the conventional method is poor for the 1 point

- Low hardness materials (~10 HRC)
High hardness materials (~65 HRC)
Low strength materials (200 MPa)
Ductile materials (10% elongation)

No, the answer is incorrect.
Score: 0
Accepted Answers:
High hardness materials (~65 HRC)

9) Manual intervention in the machine system is minimum for

- Semi-automatic machine
- Conventional machine
- Fully automatic machine
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Fully automatic machine

10) Lean manufacturing is based on

- CNC connected system
- Rapid prototyping
- Inventory strategy
- Reducing waste

No, the answer is incorrect.
Score: 0
Accepted Answers:
Reducing waste