Assignment 1

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

1) Product development process not involves which type of decision:  
1 point
- Platform decision
- Concept decision
- Decomposition decision
- Non-programmed decision

No, the answer is incorrect.
Score: 0
Accepted Answers: Non-programmed decision

2) According to their nature, all the manufacturing processes can be put together into basic___ categories.
1 point
- Two
- Three
- Four
- Six

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

3) Surface finish range achieved in injection molding can be in the range of:
1 point
- 8 – 25 µin
- 10 – 15 µin
4) Surface finish range achieved in blow molding can be in the range of:

- 350 - 500 µin
- 250 - 500 µin
- 150 - 500 µin
- 125 - 500 µin

No, the answer is incorrect.
Score: 0
Accepted Answers:
250 - 500 µin

5) Materials generally used in die casting process are:

- Aluminium
- Zinc
- Both (a) and (b)
- None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Both (a) and (b)

6) Hot forging ______ the difficulty of performing other machining operations on the part.

- Increases
- Decreases
- Initially increases then decreases
- Initially decreases then increases

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

7) Small-to-medium sized plastic parts with intricate details and good surface finish can be produced by:

- Sand casting
- Injection molding
- Blow molding
- All of above

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

8) Hollow, well rounded, thin walled parts with high degree of symmetry can be produced in:

- Sand casting
- Die casting
- Injection molding
- Blow molding

No, the answer is incorrect.
9) Large parts with walls and internal passages of complex geometry requiring good vibration damping characteristics can be produced by:

- Sand casting
- Die casting
- Injection molding
- Blow molding

No, the answer is incorrect.

Score: 0

Accepted Answers: Blow molding

10) Surface finish achieved in case of sand casting is of the order of:

- 350 - 500 µin
- 500 - 1000 µin
- 800 - 2000 µin
- 1200 - 2000 µin

No, the answer is incorrect.

Score: 0

Accepted Answers: 500 - 1000 µin