Assignment 3

The data for this assignment has passed.

Due on 2020-03-16, 23:59 IST.

1) Which industry was the first steaming system made for?  
   7 point
   - Railway Industry
   - Food Industry
   - Textile Industry
   None of the above

2) In the case of Digital Personalization, Jewellery, how did Prof. Ramesh solve the problem of unique codes on the merchandise?  
   7 point
   - He made a code with an array of holes using micro-machining
   - He sized the micro chip with a micro-lithograph
   - He used the code using a paper match
   - He used photo etching to mark the code

3) Tools used for micro-machining have a resolution close to ________?  
   7 point
   - A point of a needle
   - A fine laser beam
   - A hair of a human
   - A hair of a human

4) Which of the following is NOT a type of additive micro-machining?  
   7 point
   - Laser micro-machining
   - 3D printing
   - Micro-drilling
   - Micro-etching

5) Why was the two-axis positioning system adopted instead of a 3-axis positioning system while designing the welding system?  
   7 point
   - To position the laser head to the workpiece
   - To identify the intersection point
   - All of the above
   - None of the above

6) What was the advantage of an indigenously-developed laser just?  
   7 point
   - It is suitable for industrial purposes
   - It can bend more than 90 degrees
   - High-speed movement was added to enable natural knuckle movement
   - All of the above

7) Who was the three-axis positioning system designed to be?  
   7 point
   - A mirror with different parts which can be used and changed
   - A mirror with different parts which can be used and changed
   - Two different assembly for lighter and thicker for all sizes
   - All of the above

8) What is the weight of the eligible product?  
   7 point
   - Less than 1 kg
   - More than 1 kg
   - 1 kg
   - 2 kg

9) What is used to fit the bone and the femur stem?  
   7 point
   - Bond compatible glue
   - Special screw
   - Special cement
   - Arthropathy 9

All of the above

10) What is the weight of the eligible product?  
    7 point
    - Less than 1 kg
    - More than 1 kg
    - 1 kg
    - 2 kg

None of the above

Assumptions

- None of the above
- All of the above