

Exemplary questions

1. CAD systems are used for
2. What are the strongest points of parametric modelling ?
3. What are the main functions of CAM systems ?
4. What kind of information systems are used in area of manufacturing engineering ?
5. Who benefits from product development ?
6. What are main advantages of numerical controlled (NC) machining ?
7. Quality management is used for
8. Product development is a process which includes the following steps
9. What is the role of engineers in product development processes ?
10. Why customer requirements management is important ?

Discussion topics

11. The typical areas of expertise of the **manufacturing engineering**.
12. **Industrial engineering** is the engineering discipline that concerns.....
13. Manufacturing process performance indicators are
14. How to estimate **the manufacturing cost** per unit?
15. **Product development** (describes the process of). What is the difference between product design and product assembly ?
16. How to define the **manufacturing planning**?
17. The main components of **Computer Integrated Manufacturing** are.....
18. How to describe **numerically controlled (NC) machine tools**?
19. How to estimate/describe the **manufacturing quality**. Why quality management is important ?
20. **What manufacturing engineers do in their everyday job ?**