2MARK QUESTION WITH ANSWERS

1.What is a QFD?

Quality Function Deployment is a planning tool used to fulfill customer expectations. It is a disciplined approach to product design, engineering, and production and provides in-depth evaluation of a product.

2. What are the benefits of QFD?
- Customer driven
- Reduces implementation time
- Promotes teamwork
- Provides documentation

3.What are the goals of TPM?
- The overall goals of Total Productive Maintenance, which is an extension of TQM are
- Maintaining and improving equipment capacity
- Maintaining equipment for life
- Using support from all areas of the operation
- Encouraging input from all employees
- Using teams for continuous improvement

4.Give the seven basic steps to get an organization started toward TPM?
a) Management learns the new philosophy
b) Management promotes the new philosophy
c) Training is funded and developed for everyone in the organization
d) Areas of needed improvement are identified
e) Performance goals are formulated
f) An implementation plan is developed
g) Autonomous work groups are established

5. What are the major loss areas?
- Planned downtime
- Unplanned downtime
- Idling and minor stoppages
- Slow-downs
- Process nonconformities
- Scrap

PART B QUESTIONS
1. Explain the Analysis Techniques for Quality Costs?
2. Describe the primary categories of Quality cost?
3. Explain the QFD process?
4. Explain in detail about quality circles?
5. With neat sketch explain about Taguchi quality loss function?