Production and Operation Management of Textile Industry

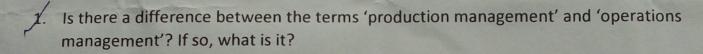
Major TXL 782

Discipline: B.Tech.

Time: 2 hours

Date: 10.05.2016

Max. Marks: 45



2. If a company is a 'technology leader', what strategic support would it require from its operations function? Discuss.

- 3. If Rs. 10,000 invested in a project yields a benefit of Rs 3,000 per annum for 5 years:
 - (a) Compute the payback period
 - (b) Compute the NPV at 10% discount rate
 - (c) Compute the IRR
- 4. 'Productivity improvement is not a one-shot project'. Do you agree with this statement?

 Discuss.
- What may be the key areas to address when improving the cost of quality? Explain.
- What are the difference, if any, between the zero defects and six sigma approaches to quality? Discuss.
- 7/ What is the role of set-up times in JIT? How should they be reduced? Explain with an example.
- 8. How should supply chain consideration be incorporated into the design of a TQM programme? Discuss.
- 9/ How are reliability and quality control related? Explain.