

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma Engineering - SEMESTER-VIII • EXAMINATION – WINTER • 2014

Subject Code: 385531**Date: 10-12-2014****Subject Name: Quality, Productivity and Safety Management****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is considered to be Authentic.

- Q.1** (a) Describe importance of 5P for Quality, Productivity and Safety Management. **07**
(b) Describe concept of “Productivity”. Explain different tools used to improve productivity. **07**
- Q.2** (a) Describe causes of low Productivity and Techniques for their elimination. **07**
(b) Differentiate between Production and Productivity. **07**
- OR
- (b) State and Explain the factors affecting Productivity. **07**
- Q.3** (a) What do you mean by the term “Quality Management”? Describe dimensions of Quality. **07**
(b) Describe ISO-9000. **07**
- OR
- Q.3** (a) What do you mean by the term “Quality Specification”? Describe Cost of Quality. **07**
(b) Describe ISO-14000 **07**
- Q.4** (a) Define the term “Inspection”. Describe different types of Inspection. **07**
(b) Explain role of Operator in Inspection activity giving suitable example. **07**
- OR
- Q. 4** (a) Justify need of Inspection with suitable example. Describe Stages of Inspection. **07**
(b) Explain role of Inspector giving suitable example. **07**
- Q.5** (a) Compare Inspection, Quality Control and Quality Assurance. **07**
(b) Describe Environmental Safety and Health Management. **07**
- OR
- Q.5** (a) Compare between 100% Inspection and Sampling Inspection with suitable examples. **07**
(b) Describe Responsibilities of Safety Officer Before, During and After Accident. **07**
