B.E. (Full Time) DEGREE END SEMESTER EXAMINATIONS, Nov. 2013

PRINTING TECHNOLOGY BRANCH

VI SEMESTER - (REGULATIONS 2004/ 08)

PT 504/ PT 9028 Quality Control in Printing

Time: 3 hr   Max. Mark: 100

Answer ALL Questions

Part – A (10 x 2 = 20 Mark)

1. What parameters are required to evaluate the quality of a printed product?

2. What is meant by system approach to quality control in printing?

3. Illustrate the key concept implied when a quality management shifts its focus from Detection to Preventio of defective items with a line diagram.

4. Explain Pareto chart?

5. How to maintain credibility with customers and suppliers?

6. Why polarization filter is used in Densitometers?

7. What density values are recommended for coated stock?

8. How to build quality in the product?

9. Explain Hue error.

10. Deccribe the quality power curve.

Part –B (5 x 16 = 80 Mark)

11. Expalin the important aspects in quality management.

12. (a) How to assess the supplier and manage the supplier base?

(or)

13. (a) Explain the method of negotiating for quality product.

(or)

(b) Using the Milestone planning technique discuss the production plan for a high quality Carton box destined for an export order.

14. (a) (i) Define the terms Attribute and Variable. Give 4 examples in each case with reference to a specific feature of a product.

(ii) List 6 attributes that are associated in the production of a film element and plate.

(or)

(b) (i) Define the terms Accurate and Precise with examples.

(ii) Diagrammatically explain the Range or Spread. Why it is more important than Average?

15. (a) Describe each one of the control elements used in a test form.

(or)

(b) Explain various statistical tools and control charts that could be used to control quality in a prin production environment.