

**PT504- QUALITY CONTROL IN PRINTING**

(REGULATIONS 2004)

Time : 3 hrs

Max Mark:100

ANSWER ALL QUESTIONS

**Part – A (10 x 2 = 20 Marks)**

1. Define: Quality
2. What is Quality assurance?
3. Define: control chart
4. Write down the tests you recommend for roller to assure quality?
5. Why we need material control?
6. Write the short note on run chart
7. Develop a quality control checklist for e-publishing.
8. List down the need for process control?
9. Give the advantages Star target?
10. How the smoothness differs with porosity

**Part – B (5 x 16 = 80 Marks)**

11. a. Explain the various statistical tools in short and explain the control chart elaborately.
12. a. Discuss the importance of a quality control programme for a commercial printing house with a brief specification of each step in detail.

or

b. Explain the economical considerations and the management responsibility for the quality control program for a prepress

13. a. Write necessary specifications , testing and handling of plate and blanket used in a printing industry in detail

or

b. Define: Sampling. Explain how the sampling and inspection is important to improve quality and reduce waste in the printing process.

14. a. Describe the salient features of any six tone transfer control elements of quality control aids in detail .

or

b. Explain the following.

- i).pH (4) ii. SID (4) iii. CURL (4) iv . Tack (4)

15. a Write elaborately any eight quality control aids with its significant features.

or

b. Write a short note on following.

- i). Durometer (4) ii). Visco meter (6) iii) Cobb tester (6)