

SYLLABUS FOR TAMILNADU COMMON ENTRANCE TEST (TANCET)

PART – III

19. PRINTING TECHNOLOGY

Prepress: Principles of Graphic Design, Designing for Print Media, Package Design, Imaging Technology, Colour reproduction, Digital Prepress, Image carrier preparation for different Printing process, Quality control in Prepress, Electronic Publishing.

Press: Principles of Print Process, Principle and press configurations for commercial, Newspaper, Package, Digital Prepress and Press Consumables, Quality control in Press.

Post Press: Finishing operations for different jobs, Mail room operations, Print finishing machines, Print finishing Consumables, Converting operation for packaging, Surface finishing operation, Quality in post press operation.

Printing and Packaging Materials: Manufacturing of printing and packaging substrates – Properties and Testing, Printing Inks for major printing processes – Manufacturing properties and testing, Quality control aspects.

Print Management: Print operation Management, Cost estimation for various Printing jobs, Design Management, Financial, Quality and Maintenance, Management for Printing.