

**Bachelor of Printing Engineering Examination,2011**  
**(4<sup>th</sup> Year-1<sup>st</sup> Semester)**  
**Publication Printing (Elective-I)**

Time: Three hours

Full Marks: 100

Answer any five questions.

1. (a) Write down the following sheet sizes in inch: SRA2, Metric Royal 4to, Metric Demy octavo, Royal. 4  
 (b) What is the key of choosing a particular sheet size for a job? 3  
 (c) Discuss briefly the constraints of saddle stitching. 4  
 (d) Write down the features of Glyphic typeface with one example. 4  
 (e) Define font family and describe the basic components of a font family. 5
2. (a) Compare between cross heading and boxed heading. 4  
 (b) Describe the process of creating non standard sheet size for a given finish size for a book. 6  
 (c) Define: Stump line, widow, Negative space, Lap margine, stress. 10
3. (a) What are the advantages of choosing standard and nonstandard format? 6  
 (b) What is liquid lamination? Explain briefly. 4  
 (c) '770(M) mm X 1010 mm'- What all the sheet size specifies? 2  
 (d) What is casting off text? Explain briefly. 4  
 (e) Write short notes on Lamination. 4
4. (a) What are the factors on which the decision of choosing a non-standard format for a book work depends? Discuss any one factor briefly. 5  
 (b) Write down the features of Didone typeface with one example. 5  
 (c) What are the factors on which the selection of typefaces for any book work depends? 6  
 (d) What are the pages generally found in Pitstop reports and what do they contain? 4
5. (a) What is Varnishing? Classify and explain its uses? 5  
 (b) Which grain direction should be ordered for SRA1 to achieve correct grain direction in an A4 portrait book (when using in web offset)? 1  
 (c) What is stock cover and overprint cover? 2  
 (d) What is meant by style sheet? 2  
 (e) Calculate the back margin, fore-edge margin, top margin, bottom margin and type width of a page for a metric medium 8vo size perfect bound book. 7  
 (f) Write short notes on Foiling. 3

6. (a) What is the use of keeping bleed? 1  
 (b) What is the name we generally call for the PDF checking before printing? 1  
 (c) What is barcode? What are the attributes of barcode? What are the advantages of using barcode? 6  
 (d) What is House style? Describe the parameters. 6  
 (e) What is proofing? Classify proofing. Explain any one category. 6
7. (a) Write short notes on Die cutting. 3  
 (b) Describe woven materials for cover preparation. 3  
 (c) Discuss in brief the characteristics of typeface. 5  
 (d) Write short notes on: Nonpareil, Cutlines, Millboard. 5  
 (e) Write short notes on work & turn imposition. 4
8. Write short notes on: (any ten) 10 x 2  
 (a) Hard hyphen  
 (b) Kicker  
 (c) Ligature  
 (d) PMS  
 (e) Run-around  
 (f) Tombstoning  
 (g) Converter press  
 (h) Shoulder head  
 (i) Transitional typeface  
 (j) Subsidiary texts  
 (k) Half title page  
 (l) Bravier