

Bachelor of Printing Engineering Examination, 2019
(4th Year- 1st Semester)
Publication Printing (Elective-I)

Full Marks: 100

Time: Three hours

Answer any five questions.

1. (a) What are the factors on which the selection of typefaces for any book work depends? Explain. 6
 (b) What is liquid lamination and why is it named so? 2
 (c) What is House style? Describe the parameters. 6
 (d) Write down the features of transitional typeface with one example. 6

2. (a) Describe the process of creating non-standard sheet size for a given finish size for a book. 6
 (b) Which grain direction should be ordered for Metric quad medium sheet to achieve correct grain direction in an octavo medium portrait book (when using in sheetfed offset)? Explain with proper diagram. 6
 (c) Write down the following sheet sizes in inch: Metric Crown 4to, Metric Royal 8vo, SRA1. 3
 (d) Describe wet lamination procedure. 5

3. (a) What are the factors on which the decision of choosing a non-standard format for a book work depends? Discuss briefly. 4
 (b) Which grain direction should be ordered for SRA0 to achieve correct grain direction in an A4 portrait book (when using in web offset)? Explain with proper diagram. 5
 (c) Explain the meaning of following terms: Negative space, Tombstoning, Long primer, Bravier, Masthead. 5
 (d) Classify varnishing and explain any one. 6

4. (a) Write down the features of Didone typeface with one example. 5
 (b) Describe non-woven materials for cover preparation. 5
 (c) Write down the following sheet sizes in inch: SRA2, Metric Medium 4to, Metric Demy 4to, Imperial. 4
 (d) 8000 copies of 128 pp monochrome book, trimmed size 216 X 138 mm, printing 32 pages to view on 888 X 1128 mm 80 g/m² paper at Rs.5000 per ton. Calculate (a) Sheet required for the whole job (b) Weight of the paper and (c) Cost of the paper. 6

5. (a) Define casting-off text. How it is done? 4
 (b) Compare between cross heading and boxed heading. 4
 (c) Write short notes on work and turn imposition scheme. 5
 (d) Calculate the back margin, fore-edge margin, top margin, bottom margin and type width of a page for a metric demy 8vo size perfect bound book. 7