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MANIPAL INSTITUTE OF TECHNOLOGY
(A Constituent Institution of Manipal University)



Department of Printing & Media Engineering
Third Semester BE Degree (Printing Technology) MAKEUP Examination
JULY 2008 (Revised Credit System)
ELECTRONIC COMPOSITION AND DTP (PME 207)

Time: 3 Hrs.

Max. Marks: 50

Each Main question carries 10 marks. Answer any 5 full Questions.

Instructions to Candidates:

- (i) Draw neat sketch / figures where ever necessary.
 - (ii) Answer to the point and clearly.
 - (iii) Assume missing data, and mention the same.
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1A. Explain how the basic four line principle of drawing helps in designing fonts?

2B. Explain the importance of "Rules" and "Borders" in designing. What are the functions and benefits of the two?

[05] + [05]

2A. What are different types of "Alignment" used in DTP. What are their importances' with respect to designing?

2B. Define Contrast Polarity

2C. Explain the use of White Space in designing a page layout?

[04] + [02] + [04]

3A. Explain Readability and Legibility with suitable examples

3B. Define "Sink" with suitable example

3C. Explain Optical center and Geometric center with suitable examples

[04] + [02] + [04]

4A. What are the various advantages of proofs

4B. What are the three "Spaces" the page is divided into? Explain each with examples.

4C. What is the role and functions of desktop publishing in prepress

[02] + [03] + [03]

5A. Mention various means of "Acquisition of Text" and explain each with suitable examples

5B. Explain flatbed scanner with a neat diagram

5C. Explain photo multiplier tubes and charge coupled device

[04] + [03] + [03]

6A. Explain the Image editing commands with suitable examples

6B. write short note on

- a) True type
- b) OCR - Optical Character Recognition
- c) WYSIWYG

[04] + [02 x 3=06]

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