



Derozio Memorial College

UGC Sponsored B.Voc in Printing and Book Publishing Part -III Examination, 2020

Paper – C11(Digital Printing and Print Finishing Process)

Time Allotted: 1 hour

Full Marks: 30

(The figures in the margin indicate full marks. Candidates should answer in their own words and adhere to the word limit as practicable.)

1. Answer in short on *any five (5)* of the following :-

5X2=10

- a) _____ drums can be found in many _____ printers.
- b) _____ pages are placed at the _____ of the book.
- c) _____ stamping on cover produces _____ image.
- d) Knives should be _____ at an angle of _____ degrees for general work cutting.
- e) _____ table is used in the programmable cutting machine in order to avoid _____.
- f) _____ Image Processor translates PostScript code into _____.
- g) An _____ printing system that sprays fine droplets of _____ ink through small nozzles to form dots on paper.
- h) _____ inks require small particles in their formulation especially for dyes and pigments, and thus benefit greatly from _____.

2. Write Short notes on *any two (2)* of the following :-

2X5=10

- (a) Digital half toning.
- (b) Foil Stamping.
- (c) UV cutting
- (d) RIP
- (e) Air Cushion table
- (f) Former plate fold

3. Answer *any one (1)* of the followings:-

1X10=10

- a) Describe the functions of a 3-knife trimming machine with diagram.
 - b) What is grain direction? How the grain direction of paper affects during Offset printing?
 - c) State the steps for operational sequences for Case book binding.
 - d) What is Inkjet Printing? Write down the steps of Inkjet printing process in detail.
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