

Semester = 3rd

Name = HRITHIKA

Rollno. = MAT/20/117

Title of paper = LATEX & HTML

Paper code = 3 235 3301

Course = B&A. MATHEMATICS HONOURS.

Q1. Typeset a well in LATEX for

$$\sum_{k=1}^n k = \frac{n(n+1)}{2}$$

$\Rightarrow$   $\$ \$ \sum_{k=1}^n k = \frac{n(n+1)}{2} \$ \$$

~~Q3. Write postfix notation for~~  
 ~~$\frac{(1 + \sin x)^2}{(1 - x)^3}$~~

~~Q2. The command  $\backslash psarc (1,1) \{ 3 \} \{ 0 \} \{ 60 \}$  draws an arc of circle of radius 2 centred at point (1,1) going from reference angle  $0^\circ$  to reference angle  $60^\circ$ .~~

~~Q4. What is output of the command,~~

~~$\$ \$ \int_0^\infty e^{-t} dt \$ \$$~~

$\Rightarrow \int_0^\infty e^{-t} dt.$